HOSPITAL ABSTRACTS

A MONTHLY SURVEY OF WORLD LITERATURE
PREPARED BY THE DEPARTMENT OF HEALTH
AND SOCIAL SECURITY

VOLUME SIXTEEN - 1976

INDEX

LONDON: HER MAJESTY'S STATIONERY OFFICE
75p net

HOSPITAL ABSTRACTS

A MONTHLY SURVEY OF WORLD LITERATURE

PREPARED BY THE DEPARTMENT OF HEALTH

AND SOCIAL SECURITY

VOLUME SIXTEEN

1976

LONDON: HER MAJESTY'S STATIONERY OFFICE

© *Crown copyright* 1977
First published 1977

ISBN 0 11 722477 4
ISSN 0018—5507

CONTENTS

	Page
Abstracts 1-1835	1
Subject Index	669
Author Index	689
Corrigendum	698

SUBJECT INDEX

The reference is to the abstract number, not to the page

Aarau Cantonal Hospital, design, first stage, 939
Abbott-Northwestern Hospital, Minneapolis, geriatric clinic, 140
Aberdeen formula, for calculating nurse staffing needs, 1708
Absenteeism, Western Germany, 1401
Access to hospitals, West Virginia, 1681
Accident departments *see* Casualty departments
Accident services *see* Casualty services
Accidents to staff, 389
Accountability, 1127, 1128
Accounting, 1150, *see also* Finance
  electronic data processing, shared service, British Columbia, 378
  for inflation, 666
Accreditation, and infection control, 690
Activity sampling, nursing, 1117
Administration, 975, 976, 1288, *see also* Management
  decentralization, Mexico, 1426
  decision-making, 359
  departmental, 1431
  during night, 1428
  efficiency, measurement, 1579
  Great Britain compared with Netherlands, 816
  Italy, 817
  long-stay hospitals, 1211
  Netherlands compared with Great Britain, 816
  New York City, 977
  nursing, 486
    Brent Health District, 640
Administrative staff, *see also* Administrators
  attitudes to hospital co-operation, 1553
  France, power, 1552
  Great Britain, 1270
  'obsolescence', 24
  role, 342, 1260
  training, 1703
Administrators, *see also* Administrative staff
  duties and responsibilities, 648
  role, Western Germany, 631
  training, in modern management, 1271
Admission(s), *see also* Bed use; Hospitals, use
  bed bureaux, Western Germany, 1759
  from casualty department, extramedical factors, 1017
  of children, criteria, 1508
  departments, Édouard-Herriot Hospital, Lyon, 274
    staff problems, 548
  emergency, of asthma patients, Northern General Hospital, Edinburgh, 391
  nursing referral form, 1016
  procedures, 1171
    patient-oriented, 700
  to psychiatric hospitals, Canada, 1818
  of psycho-geriatric patients, social factors, 1829
  scheduling, role of discharge estimating model, 1727
  screening on, evaluation, 1474, 1758
Adolescents, care 275
  views on hospital, 275
After-care, Aberdeen, 1178
  dietitians' role, 509
  evaluation, 255
  psychiatric patients, 604
    home, Creil, 299
    Homes for Special Care, Ontario, 766
      evaluation, 765
  psycho-geriatric patients, 298
Air-conditioning, 1248, *see also* Ventilation
  advantages and disadvantages, 1099
  chemical, 1246
  development, in Sweden, 1249
  effect on air hygiene, 240
  effect on bacterial contamination, 1100
  hygiene, 1007, 1098
  and odours, 620
  operating theatres, 1023, 1250
  smallpox hospitals, 956
  variable capacity, 1245
Air hygiene, 240, 331, 1257,
  in operating theatres, 865, 885
Alcoholism, staff training in, 338
  units, survey of patients, 566
Alexandria (Va.) Hospital, design, 618
Ambulance services, *see also* Transport
  staff, training and duties, Ontario, 706
  standardization, Norway, 247
Ambulatory care, *see also* Day care; Home care; Out-patient care
  unit, Deaconess Hospital, Spokane, Wash., 947
Amputees, infections in, 681
  rehabilitation, psychiatric consultation, 722
Anaesthesia, drugs, charges to patients, 559
  nurses, 257
  in out-patient surgery, 289
  safety devices, 886
  services, 567
  in maternity departments, Birmingham region, 596
Anaesthetic equipment, 405
  central stores, 1182
  disinfection, 238
  maintenance, 405
  sterilization, 540
Anaesthetic gases, in operating theatre air, 1624, 1626
  prevention, 885
Anaesthetics, effects on operating theatre staff, 404
Anaesthetists, effect of exposure to anaesthetics on pregnancy, 21
  hepatitis in, 519
Analysers, laboratory, 1039
  evaluation, 1040
Ancillary staff, incentive bonus scheme, Great Britain, 1123
  recruitment, 1424
Annual reports, 1146
Antenatal clinics, patient referral, 1214
Antibiotics, use, control, 1631
  and resistance of staphylococci, 853
Anti-coagulant drug monitoring, electronic data processing, 731
Antiseptics, evaluation, 535
Appointment systems, centralized, 1142
  Moncton (N.B.) Hospital, 984
  out-patient departments, 39
    manual, 1588
  reminders, effectiveness, 1053
Aprons, plastic, disinfection, 1754
Architects, brief, preparation, 1086
  role in planning, 614
  selection, 937
Archives, France, 978
Aspergillus infection, fireproofing as source, 1004
Assessment, of student nurses, Bedford General Hospital, 806
  of student psychiatric nurses, St. Luke's-Woodside Hospital, 808
Asthma patients, emergency admission, Northern General Hospital, Edinburgh, 391
Athens Maternity and Gynaecology Hospital, design, 1698
Auch Hospital, design, 315
Audiovisual aids, for staff training, 1549
Auditing, external, 1314
Austria, Lower, hospital services, 771
Autoclaves, in laboratories, safety, 268
Auxiliaries *see* Voluntary workers

Bacteria, airborne, elimination by air-conditioning, 1100
  in dental clinics, 852
  dispersal, from operating theatre clothing, 1464
    from skin, 1005, 1327
  in haemodialysis equipment, 521
  in intravenous fluids, 529
  laboratory benches as source, 1467
  in liquids, 857
  in nebulizers, 527

Bacteria, in operating theatres, effect of staff, 862
effect of surgical masks, 862
in operation wounds, prevention, effectiveness of plastic skin and wound drapes, 1608
on surgical knives, 526
surveys of, methods, 860
transmission by nurses, 855
Bacterial meningitis, hospital-associated infection, 1748
Baden-Würtenburg, casualty services, 574
Basel Cantonal Hospital, nurse performance reporting system, 485
Battered babies, hospital service, New York Foundling Hospital, 1510
recognition, 452
service, Derby, 1511
unit, Transvaal Memorial Hospital for Children, Johannesburg, 583
Bed bureaux, Western Germany, 1759
Bed needs, community hospitals, 1225
coronary care units, 1051
estimation, 1586
input-output model, 774
Ontario, Canada, 1383
haemodialysis, forecasting, 1785
psychiatric hospitals, Canada, 1675
short-/long-stay ratio, 773
Bed occupancy, Ontario, Canada, 1383
Bed use, *see also* Admissions; Hospitals, use
control, 1137
economic, 37, 1139
surgical departments, 983
wards versus single rooms, 922
Western Germany, 825
effect of bed supply, 655
effect of comprehensive primary care, 1436
effect of Medicare, 495
England and Wales, 47
by general practitioners, community and general hospitals, compared, 1343
Netherlands, 1587
rationalization, 1585
review, 369, 656, 1435, 1726
Certified Hospital Admission Programme, 657
electronic data processing, 1728
level of care criteria, 1725
long-stay hospitals, 1802
payment of reviewers, 1140
simplified method, 212
Bedding, disinfection, 1607
Bed-head fitting, 1259
Bedpans, disinfection, 1470
hygiene, 1603
as source of infection, 1603
Beds, closure, Canada, 365
design, 1255–1258
Denmark, 1543, 1544
low air loss system, 623, 624
microclimatic conditions of, 185
specification, 332
for treating pressure sores, 623, 624
Bedside tables, 1261
Bedsores *see* Pressure sores
Best buy hospitals, engineering services, 177
Biomedical technicians, status, Austria, 1284
Blind persons, as darkroom technicians, 109
Blood, collection, scheduling, electronic data processing, 107
Blood banks, design, 1777
inventory control, 108
simulation model, 899
inventory levels, 1041
supplies, collection planning, 1638
Blue Cross, West Pennsylvania, 53
Boards of management, qualities and duties of chairmen, 649
Boiler houses, alarm system, 180
Boilers, conversion from manual to automatic, 1395
efficiency, 1394
Bonus incentive scheme, ancillary staff, Great Britain, 1123
domestic staff, 514
Bonus incentive scheme, maintenance staff, 33
Bornholm Nursing Home, Hoofdorp, design, 465
Bowl stands, specification, 795
British Columbia, home care, 401
Brompton Hospital, surgical department, team nursing 1021
Budgetary control, by ward teams, Westminster Hospital, 1736
Budgeting, catering departments, 57
for capital expenditure, 1737
electronic data processing, 993
and inflation, 666
input-output system, 499
multi-variable system, 1448
nursing services, Kingston General Hospital, Ont. 1278
programme, Norway, 837
for staff, electronic data processing, 334
Building, *see also* Construction; Industrialized building
costs, forecasting, Sweden, 933
Italy, 1233
France, 154
government control, 5
Italy, 776
labour requirements, 932
out-patient departments, 931
project management, 311
regulations, Vienna, 1232
systems, HSM, 155
Burnt children, dietetics, 64

Cabin lift system of overhead transport, 953
Cancer, registration, as by-product of Hospital Activity Analysis, 1064
registries, electronic data processing, 1667
screening service, 141
Cancer patients, awareness of diagnosis, 1610
dietetics, 65
discharge letters, 547
home care, Christchurch Hospital, Dorset, 1806
terminal care, psycho–social aspects, 1065
Cancer unit, Christchurch Hospital, Dorset, 750
Cancer wards, nurses, 642
Capital investment, analysis of projects to determine priorities, 500
budgeting, 1737
control, United States, 1738
on equipment, decision tool, 1449
financing, 838
long-stay hospitals, 221
returns, 667
Cardiac patients, instruction, in drug administration, 556
rehabilitation, 721
Cardiovascular centres, for children, Milwaukee Children's Hospital, 278
Carpeting, 1253, 1254
cleaning, hospitals for the mentally handicapped, 850
hygiene, 1253
wool v. synthetic fibre, 793
selection and maintenance, 622
Casualty departments, 122
for children, 129
classification, 1792
dental emergencies in, 1672
design, 1656
Wilmington (Del.) Medical Center, 949
finance, by fee for service, 735
information systems, 579
in-patient unit, length of stay, 577
interview room, 431
management, 125, 1655
medical records, 126
problem-oriented, 128
medical staff, computer-aided instruction, 1206
observation wards, evaluation, 734
simulation model, 273
ophthalmology hospital, general practitioners, 1808
organization, 1656, 1655
patient referrals pattern, 1793
patients, care, quality, 1208, 1507

Casualty departments, patients, evaluation, 737
Genesee Hospital, Rochester, N.Y., 573
reception, Henri-Mondor Hospital 121
views on, 580
primary care in, compared with general practitioners, 1055
statistics, analysis, 1659
triage nurses, 127
University Hospital, Jacksonville, Fla., 1657
use, 576, 1057
factors influencing, 1205
Morrisania Hospital, Bronx, N.Y., 1207
Yale-New Haven Medical Center, 575
waiting, 578
Casualty hospitals, design, Athens, 1695
Casualty services, 122, 567
Baden-Würtenburg, 574
France, 1658
Grand Rapids, Mich., 123
human aspects, 736
Italy, 124
for North Sea oil rigs, 1056
patient access to, 1058
rural areas, Indiana, 432
Russia, 1356
Catchment areas, factors influencing, 1384
Catering, 1319, *see also* Diet(s); Food; Kitchens
costs, analysis, 1450
and efficiency, 1153
reduction, 1318
demand, forecasting, 1740
departments, budgeting, 57
costing, 60, 1450
design, 1155
planning, 1155
St. Joseph's Medical Center, Wichita, Kan., 1454
staff, training, 226
staffing, 844
district managers, Great Britain, 56
France, in medium-sized hospitals, 843
for geriatric patients, 59, 1157, 1319
hygiene, 1154
staff training, 226
long-stay hospitals, 60
Lukas Hospital, Apeldoorn, 1741
metric system, 223
productivity, 674, 675
Saint Francis Hospital, Rotterdam, 1597
service for out-patients with dietary needs, 677
shared services, 1596
systems, comparison, 503, 1156
training, for non-catering staff, 55
Wellington Hospital, New Zealand, 505
Catheters, as source of infection, 1163
Central Birmingham Health Department (Teaching) personnel department, 627
Central service, 819, *see also* Central sterile supply
Central sterile supply, 1472, *see also* Central service departments, 868
distribution systems, Charing Cross Hospital, 1337
Lutheran Hospital and Medical Centre, Wheat Ridge, Colo., 1336
Ninewells Hospital, Dundee, 695
Centralization, 37
Chair-beds, 1262
Chairs, 1262
Chanaux Hospital, Macon, design, 162
Charges to patients, Belgium, 994
drugs, anaesthesia, 559
Charing Cross Hospital, design, engineering services, 1699
engineering installations, 12
evaluation, 1537
Charleroi Civil Hospital, intensive care unit, for children, 1047
Chief nursing officers, France, role, 1562
Child abuse *see* Battered babies
Children, admission to hospital, criteria, 1508
burnt, dietetics, 64
with cancer, play therapy groups for, 1661
Children, cardiovascular centres, Milwaukee Children's Hospital, 278
casualty departments, 129
critically ill, transport by helicopter, Ohio, 1060
day care, 741
haemodialysis, psychological aspects, 585
handicapped, day hospital, parents' meetings, 1800
parents' problems, 1799
in hospital, 1796
care, organization, Hospital for Sick Children, Toronto, 1209
education, North Rhine/Westphalia, 1798
play schemes, 1509
psychological effects, 1797
school for, parent participation, 1477
welfare, 1660
intensive care units, Charleroi Civil Hospital, 1047
in long-stay hospitals, abandoned by parents, 1795
care, 137
mentally handicapped, community care, Wisconsin, 1379
hospitals, Auhof, Nuremberg, 1536
living units, 1835
out-patient care, quality, evaluation, 132
out-patient clinics, in general practitioner hospitals, 131, 742
in group practices, 436
primary care, quality, evaluation, 743
psychiatric departments, Hôtel du Sacré-Coeur de Jésus, Quebec, 1827
services for, Livingston, Scotland, 584
transplantation, psychological aspects, 585
Children's departments, 906
design, City of Hospital National Medical Center, Duarte, Calif., 785
Trondheim Regional Hospital, 318
salmonella infections, 231
Salmonella heidelberg infection, 1326
tuberculosis, medical staff, as source, 386
Children's hospitals, 906
clinical pharmacy services, 1347
design, Athens, 1695
libraries for patients, 219
Western Germany, history, 582
Chronic sick, *see also* Geriatrics; Long-stay care, 1801
home care, 139
United States, 284
homes for, design, Italy, 1692
younger, unit, St. Francis Hospital, Dulwich, 169
Charleville-Mézières Hospital, haemodialysis centre, design, 1198
City of Hope National Medical Center, Duarte, Calif., children's department, design, 785
Civil defence, staff training, 390
Clamart General Hospital, design, 1236
Clarke Institute of Psychiatry, Toronto, psychiatric assistants, 489
Clean rooms, 1247
Cleaning, 851
by contract, 849
negotiation, 1160
of sanitary installations, by contract, 1460
Clerical staff, in schools of nursing, 1406
Clerical work, monitoring, 379
Clinical departments, organization, 728
Clinical nurse consultants, 1275, 1410
in geriatrics, 205
Clinical pharmacologists, role, 344
Clinical pharmacology departments, 1029
Clinical pharmacology services, 1184
Clinical pharmacy, 94, 714
Children's Memorial Hospital, Chicago, 1347
psychiatric departments, 96
Sint Radboud Hospital, Nijmegen, 1769
training, Spain, 1770
Clinical tutors, status, 1573
Cochin Hospital, coronary care units, 1049
Commissioning, 48
Communications, *see also* Telecommunications
as an aid to quality control, 1482

Communications, audiovisual, in pharmacies, 551
between hospital and community nursing services, 1016
systems, 179, *see also* Telephones
Florence Nightingale Hospital, Kaiserwerth, 326
Hvidovre Hospital, 1539
staff location, 1393
Community care, of diabetics, 1199
Community health departments, Quebec, 919–921
Community hospitals, bed needs, 1225
bed use, by general practitioners, 1343
France, value of, 4
general practitioners, training, 1407
Great Britain, 304
Community mental health centres, *see also* Psychiatric hospitals
design, evaluation, 1698
evaluation, 603, 1824
management, effect of therapeutic effectiveness data, 599
in rural areas, Price, Utah, 145
social workers, training, 602
and systems theory, 608
Computers, 371, 1144, 1303, 1441, *see also* Electronic data processing
applications, 986
in patient monitoring, 1738
in training of casualty department medical staff, 1206
Computerized axial tomography, economic aspects, 1779
Confidentiality, in electronic data processing, 1438
Consent, to operations, 1174
Construction, staged, 157
Contact lens departments, Great Britain, 1521
Continuous positive airway pressure system, as a source of sepsis, 1465
Contract, cleaning *see* Cleaning, by contract
laundries, *see* Laundries, contract
management *see* Management, by contract
purchasing *see* Purchasing, by contract
services, 997
Cook County Hospital, Chicago, family practice clinic, 119
Co-operation, between hospitals, administrative staff attitudes, 1553
Coronary care, 118, 568
ambulances, evaluation, 570
hospital versus home, 1050
mobile units, Los Angeles, 571
patient satisfaction, 1648
pre-hospital service, Seattle, 1646
Coronary care units, 915, *see also* Intensive care units
bed needs, 1051
Cochin Hospital, 1049
early discharge policy, evaluation, 1502
intermediate, Montefiore Hospital and Medical Center, New York, 1203
medical records, 569
patient monitoring, automated, 727
Pseudomonas infection, saline solution vial as source, 230
Coronary patients, health education, Etobicoke General Hospital, Toronto, 1360
reactions to care, 1647
Cost-benefit analysis, of new laboratory tests, 1775
respiratory care, 433
psychiatric hospital versus community care, 1220, 1221
Costing, catering departments, 60, 1598
electronic data processing, 1043
France, 54
and performance, Western Germany, 836
ward as basis, 669
Costs, analysis, in catering, 1450
inter-departmental pricing, 1311
Austria, 822
Bavaria, 1300
catering, and efficiency, 1153
reduction, 1318
control, 653, 1137
cost containment committee, 1582
Costs control, in laboratories, 105
by rationalization, 1721
United States, 821
Vancouver General Hospital, 1298
effect of diagnostic mix, 650
effect of physician's remuneration, 1433
effect of planning decisions, 1135
of equipment, control, 1264
food, control, 506
France, private and public hospitals compared, 1723
geriatric day hospitals, analysis, 1666
of haemophilia treatment, 1783
laboratory tests, Austria, 1494
and length of stay, 1138
long-stay care, reimbursement, United States, 586
long-stay hospitals, 746
price index, New Zealand, 1312
reduction, 493, 1722
Switzerland, 1134
Zürich proposals, 1299
by specialty, Netherlands, 367
Western Germany, and rationalization, 652
reduction proposals, 1136
Critically ill patients, classification, for level of care, 1789

Darkroom technicians, blind persons, 109
Data processing *see* Electronic data processing
Day care, children, 741
diabetics, cost, compared with in-patient care, 1643
evaluation, 1642, 1643
geriatric patients, Tucson, Ariz., 285
mentally handicapped patients, Oakwood Hall Hospital, Rotherham, 1834
Day centre, geriatric patients, Memorial Hospital, Woolwich, 282
handicapped children, Pinder Centre for Children, 1535
Day hospitals, geriatric, costs, analysis, 1666
Janskliniek, Haarlem, 1665
handicapped children, parents' meetings, 1800
psoriasis, 738
psychiatric, role, 605
Deaconess Hospital, Spokane, Wash., ambulatory care unit, 947
Decision-making, in nursing, 487
Delivery rooms, needs, 752
Delphi technique, 1425
Dental clinics, bacterial contamination, 852
Dental departments, 755
Dental emergencies, treatment in casualty departments, 1672
Dental services, needs of in-patients for, 1671
Dentists, 755
Departmental administration, 1431
Design, 312, 1086, 1089, 1234, 1385, 1387, 1682, 1684
ambulatory care units, 947
blood banks, 1777
casualty departments, 949, 1656
casualty hospitals, 1695
catering departments, 1155
for changes in health care, 156
children's departments, 318, 785
children's hospitals, 1695
coronary care units, 915, 1049
day centres for handicapped children, 1535
developing countries, phased development, 1530
diagnostic X-ray departments, 1238
electronic data processing, 6
engineering installations, 952, 1699
for expansion, 313
flexibility, 313, 1592, 1683
France, 936
general hospitals, 157, 616
Belgium, 314, 316
Canada, 1381
for changes in health care, 156
Denmark, 781, 1687
Finland, 782
France, 162, 311, 461, 617, 777, 938, 1236, 1532
Greece, 1685, 1686

Design, general hospitals, Netherlands, 10, 164–166
New Zealand, 1688
Nigeria, 1390
Saudi Arabia, 1389
Sweden, 167, 168
Switzerland, 9, 163, 315, 778, 779, 939, 940, 1237
United Kingdom, 161, 459, 460, 1235, 1388, 1531
United States, 7, 158, 159, 160, 618, 1090, 1091
Western Germany, 463, 780, 1092
Zaire, 314
geriatric departments, 744, 1693
geriatric hospitals, 11, 170, 171, 1694
Greece, 1684
gynaecology hospitals, 1698
haemodialysis units, 1198
for the handicapped, 1534
hexagonal unit, 944
history, 174
hospitals for the mentally handicapped, 296, 1381, 1536, 1835
hostels for the mentally handicapped, 322
integrated, 935
intensive care units, 1690, 1691
Italy, 776
kitchens, 1533, 1741
laboratories, 1774, 1689
libraries, 942, 943
long-stay departments, 1692
for younger patients, 169, 464, 788, 1514
long-stay hospitals, 319, 465, 787, 1695
long-stay nursing homes, 786
maternity departments, 320
maternity hospitals, 1696
military hospitals, 461, 462
modular framework, 1386
nurse training schools, 1575
operating suites, 619, 1093
operating theatres, 784
out-patient departments, 317, 934, 945, 946
out-patient surgery centre, 172
psychiatric departments, 321
psychiatric hospitals, 321, 789, 950, 1240
psycho-geriatric hospitals, 10, 173
radioisotope departments, 1781
rehabilitation centres, for children, 277
residential accommodation, 466
shock rooms, 948
single rooms versus wards, 922
staff cloakrooms, 941
staff dining-rooms, 1533
staff participation, 615
wards and patients' rooms, 174, 951, 1094
history, 174
Developing countries, design, phased development, 1530
planning, 1525
Diabetic children, instruction, 434
Diabetic clinics, Poole and Wolverhampton, 1784
Diabetics, care, by nurses, 1712
community care, Poole, 1199
day care, cost compared with in-patient care, 1643
evaluation, 1642, 1643
out-patient care, records, electronic data processing, 1197
Diagnostic mix, and use of resources, 650
Diagnostic X-ray departments, design, Strong Memorial Hospital, Rochester, N.Y., 1238
electronic data processing, 111, 563, 1043, 1351, 1352, 1640
management, 1778
physician assistants, 1639
work study, 1780
Diet(s), *see also* Catering; Dietetics; Food
cards, colour-coded, for controlling food intakes, 999
of unconscious patients, 1744
Dietetics, 383, 845
burnt children, 64
cancer patients, 65
electronic data processing, 66
future developments, 508
Dietitians, in out-patient care, 510
role, 846
in after-care, 509
Disabled patients, younger, unit for, Orchard View, Ham Green Hospital, Bristol, 1514
Disaster planning, 244, 871
bibliography, 1168
clothing for medical teams, 1167
Israel, 1170
London, Ont., 1169
on-site medical teams, 872
operating suites, 92
pharmacies, 554
Discharge, estimating model, 1727
index of social disposition, 1724
letters, cancer patients, 547
design and content, 1765
problem-oriented, 1342
nursing referral form, 1016
planning, 883
reports, content and design, 254
summaries, European survey, 1593
Disinfectants, mechanical mixing systems, 1330
testing, 235
Disinfection, 851, *see also* Sterilization
of anaesthetic equipment, 238, 540
of bedding, 1607
of bedpans, 1470
equipment, evaluation, 866
of fibre optic instruments, 1010
of floors, with Tegodor, 1753
of nurses' plastic aprons, 1754
of surfaces, 1332
by ultraviolet lamps, 1331
Disposable(s), surgical, 1315
thermometers, 794
Distilled water, as source of *Pseudomonas cepacia* infection, 1329
Domestic management, 1159
Domestic staff, bonus incentive schemes, 514
management, 1161
training, 116
Domestic work, quality control, 227
Dortmund Hospital, design, 780
Dortmund Municipal Hospitals, operating suite, design, 619
Drainage, 1397
Dressings, cost, 398
Drug addiction, treatment programmes, methadone, unit dose dispensing, 894
unit, Connecticut Mental Health Center, New Haven 149
Drug education services, United States, 1186
Drugs, administration, carded dosage system, 713
discrepancies in, 1030
electronic data processing, 1031
by patient, 890
instruction, 556
psychiatric patients, discrepancies, 95
adverse reactions, monitoring, by pharmacy, 1490
in small hospitals, 893
anaesthesia, charges to patients, 559
control, 421
Denmark, 1027
electronic data processing, 416
TIMED system, 260
cost, 408
effect of brand standardization, 558
dispensed, labelling, 98
distribution, problems, 1187
group purchasing, 1346
information for out-patients, 1190
information services, 259, 413, 892
card index system, 412
procedure for dealing with requests, 557
role on vetting additions to formulary, 1630
on subscription, Memorial Hospital Medical Center, Calif., 1767
interactions, monitoring system, 1188
pricing system, 409
recording systems, 415

Drugs, use, 408
adults and children compared, 262
review, 261, 414, 715, 1189, 1491
Dumfries and Galloway Royal Infirmary, history, 610
Duvets, fillings compared, 1600

Eastern Maine Medical Center, Bangor, design, 7
Echo 19 virus infection, neonatal unit, 1749
Economics, of health services, 979
of hospital services, 35, 362, 363, 979
Édouard-Herriot Hospital, Lyon, admission department, 274
Eduard Douwes Dekker House, Amsterdam, for psycho-geriatric patients, design, 173
Efficiency, 36, 37, 492
administrative, measurement, 1579
cost and capacity indexes, 1296
evaluation, Western Germany, 1133
of laundries, 67
measurement, 1294
standards, 980
Elderly *see* Geriatrics
Electrical installations, 323
Electrical interference, 468
Electrical safety, 79, 241
earthing systems, 1473
Electricity, economies, 324
Electronic data processing, 42, 220, 986, 1035, 1144, 1303, 1305, 1439, 1441, *see also* Computers
in accounting, shared service, British Columbia, 378
in anti-coagulant drug monitoring, 731
in bed use review, 1728
in budgeting, 993
in cancer registries, 1667
in casualty departments, 579
confidentiality, 1438
by contract, 41
control, 40
in costing, 1043
in design, 6
of diabetes out-patient records, 1197
in diagnostic X-ray departments, 111, 563, 1043, 1351, 1352, 1640
in dietetics, 66
of drug administration, 1031
of drug control, 416
in equipping of new hospitals, 839
evaluation of projects, 215
of formularies, 1629
Grosshardern Hospital, 1440
in hospital infection surveillance, 1605
in intensive care, 1500, 1787
for newborn babies, 1501
staff training, 425
in laboratories, 101, 102, 267, 720, 897, 1193, 1495, 1496, 1634
clinical chemistry, 1497
pathology, 104, 1038
quality control, 106
respiratory function, 266
selection of system, 1192
of length of stay statistics, 1301
in maintenance, 958
for management, 1589
in management analysis, 1289
in maternity departments, London Hospital, 916
of medical records, 375, 830, 1309, 1439, 1731
Canada, 1304
evaluation, 990
microfilming of output, 1733
Royal Free Hospital, 831
in menu planning, 61
in menu tallying, 507
minicomputer system, 43
MUMPS, 1302
of nurse scheduling, 805
of operating theatre scheduling, 1625
out-patient departments, 1653
pharmacy, 1488
bibliography, 430
of pathology reports, 1636
Electronic data processing, in patient monitoring, 725, 1202
staff training, 425
pharmacies, 93, 416
planning for, 496
in poisoning analytical service, 1499
privacy, 40, 607
Sweden, 1145
in psychiatric assessment unit, 1676
of psychiatric records, 1816
codification, 46
privacy, 607
software, 759
in purchasing, 840
in scheduling of blood collection, 107
security aspects, 988
staff attitudes, 661
in staff budgeting, 334
of statistics collection, Nordic countries, 1447
Sundsvall Hospital, 217
of supplies control, 1453
in unit dose dispensing, 264
costs, 420
Electronic equipment, maintenance, 182
Electro-surgical equipment, safety, 1486
Elizabeth Ludeman Center, Park Forest, Ill., for mentally handicapped children, 296
Emergency Bed Service, London, 370
Emergency departments *see* Casualty departments
Emergency services *see* Casualty services
Emerson Hospital, Concord, Mass., design, 158
Endoscopes, sterilization, 239
Energy, conservation, 324, 329, 330, 1096, 1394
recovery systems, 1540
Engineering installations, best buy hospitals, 177
Charing Cross Hospital, 12, 1699
design, 952
Engineering services, duties and staffing, 467
Nehru Hospital, Chandigarh, India, 1700
Engineers, training in sterilization, 693
Epidemiology departments, need for, 918
Equipment, 16
biomedical, maintenance, 1101
capital, provision, 1739
coronary care units, 915
design, human factors, 882
for Indian hospitals, 626
intensive care units, 1045, 1690
maintenance, 621
medical, control system, 625
new hospitals, electronic data processing, 839, 840
planning, cost control, 1264
purchase, decision tool, 1449
safety checks, 1316
Ergonomics, 882
Escherichia coli, in infants, 72, 229
Ethylene oxide sterilization *see* Sterilization, by ethylene oxide
Evaluation, Charing Cross Hospital, 1537
of surgical practice, 1067
Exe Vale Hospital, developments, 1369
psycho-geriatric patients, assessment unit, 297
Expiratory bacterial filters, evaluation, 1469
Extended care *see* Long-stay care
Eye *see* Ophthalmology

Family Hospital, Milwaukee, Wis., maternity department, 290
Family nurse clinicians, nurses' attitudes to, 1114
Family planning, clinic, staffed by nurse specialist, King's College Hospital, London, 1078
in maternity departments, 453
Family practice departments, Cook County Hospital, Chicago, 119
Maine, 903
Fibre optic instruments, disinfection, 1010
Fiesch Military Hospital, Switzerland, design, 462
Finance, *see also* Accounting; Budgeting; Capital investment; Charges to patients
administrator's role, Western Germany, 631

Finance, allocation, 364
Great Britain, 50
casualty departments, fee-for-service, 735
France, 1735
Great Britain, transfer between health and local authorities, 835
of haemodialysis, United States, 1354
interdepartmental pricing, 1311
Financial planning, out-patient departments, 1054
Finland, maternity services, 1283
Fire, alarms, 242
automatic, siting of, 697
prevention, 80, 243, 541, 698, 1014, 1015, 1166
Leiden University Hospital, 1338
safety, for handicapped patients, 699
Fireproofing, as source of *Aspergillus* infection, 1004
Flavobacterium infections, 517
Floating-bed system, for short-term admission to geriatric departments, 1061
Floors, disinfection with Tegodor, 1753
Florence Nightingale Hospital, Kaiserwerth, communications systems, 326
'Fontenoy' standardized hospital, design, 617
Food(s), 1319, *see also* Catering; Dietetics
costs, control, 506
distribution, 1158
Ganymede system, 512
insulated tray system, 1745
Régéthermic system, 1320
systems compared, 1156
Temp-Rite system, 1457
thermal tray system, 1458
tray assembly, effect of menu form design, 513
for geriatric patients, 1319
heating, in floor microwave ovens, 676
precooked and frozen, 504, 1157, 1158, 1743
costs, 1599
equipment, 62
design, 63
geriatric hospitals, 1742
Régéthermic system, 1320
purchasing, group scheme, Toronto, 224
service *see* Food distribution
Formulary committees, selection of members, 411
Formularies, additions to, drug information centre role, 1630
electronic data processing, 1629
revision, 891
Four Corners Community Mental Health Center, Price, Utah, 145
France, casualty services, 1658
hospital services, planning, 153
Frenchay Hospital, Bristol, resuscitation unit, 1059
Fulbourn Hospital, psycho-geriatric patients, hospital/social worker collaboration, 1377
Fulda Municipal Hospital, design, 463
Functional analysis, 827
Fund raising, 377

Gases, sterilization by, 1334
General practitioner(s), access to physiotherapy departments, 113
beds, Queen Mary's Hospital, Sidcup, 705
and casualty departments, 576
communications with, 86
in community care of diabetics, 1199
in community hospitals, training, 1407
hospitals, 922
maternity departments, 1363
in maternity hospitals, Mercy Maternity Hospital, Melbourne, 595
in ophthalmology casualty department, 1808
in out-patient clinics for children, 131
use of beds, community and general hospitals, compared, 1343
use of laboratories, collection service, 1037
Genetic counsellors, nurses as, 1570
Genetic investigation centre, King Edward Memorial Hospital for Women, Perth, 143
Geriatric, *see also* Chronic sick; Long-stay
Geriatric day hospitals, costs, analysis, 1666
Janskliniek, Haarlem, 1665
Geriatric departments, design, 1693
need for, 1357
nurses, staffing levels, 1512
Princess Margaret Hospital, Kowloon, Hong Kong, 1085
productivity, 1062
short-term admissions, effect on bed use, 1061
Tolworth Hospital, 744
Trieste, 1359
work load, 1062
Geriatric hospitals, 1663
design, Driebergen, 171
Hebrew Home for the Aged, Riverdale, N.Y., 1694
Morges, 170
Zonnehuis Foundation, Amstelveen, 11
foods, pre-cooked and frozen, 1742
nurse practitioners, 1713
nurses, staffing levels, 280
site selection, 1805
United States, 1803
Weiss Institute, Philadelphia Geriatric Center, 279
Geriatric nursing, 590
Geriatric patients, blocking acute beds, 38, 214
care, 134, 135, 283, 437, 588, 590, 1063
in acute wards, Sweden, 1664
by clinical nurse consultants, 205
by nurse practitioner/social worker, 1210
United States, effect of Medicare, 908
catering, 59, 1157
day care, Tucson, Ariz., 285
day centre, Memorial Hospital, Woolwich, 282
East London, 911
effect of advice from Hospital Advisory Service, 747
long-stay, London, 587
bed needs, Western Germany, 438
nursing, lifting burden, 912
training, 206
out-patient care, St. Anthony Hospital, Chicago, 1804
out-patient departments, 140, 748
safety, 78
toilet facilities, 1252
Geriatric services, 134, 437
Great Britain, 1358
management information, 281
planning, statistics, 913
Switzerland, 589
systems analysis, 133
work load, East London, 911
Geriatric wards, design, 1693
Great Britain, community hospitals, 304
geriatric services, 1358
health services *see* National Health Service
hospital services, planning, 928
mental health services, legislation, 445
psychiatric services, 756
Great Hospital, 's-Hertogenbosch, design, 164
Greek Red Cross Hospital, design, 1685
Grosshadern Hospital, electronic data processing, 1440
Grounds, 1095
design and maintenance, Lake Forest (Ill.) Hospital, 1697
improvement, 790
maintenance, 1392, 1697
Group homes, for psychiatric patients, Oakwood Hospital, Maidstone, 1825
Gynaecologists, staffing needs, Utah, 1273
Gynaecology hospitals, design, Greece, 1696
Gynaecology patients, history taking, self-administered questionnaire, 292
out-patient surgery, 593
Guy's Hospital, design, of Guy's Tower, 1531

Haematology departments, staff, in-service training, 896
Haematology laboratories *see* Laboratories, haematology
Haemodialysis, bed needs, forecasting, 1785
in children, psychological aspects, 585
Royal Free Hospital, London, 1644
equipment, bacterial contamination, 521

Haemodialysis, finance, United States, 1354
home, Withington Hospital, Manchester, 1786
regional service, Minneapolis, 1066
Haemodialysis units, 116
design, Charleville-Mézières Hospital, 1198
hepatitis, 520
prevention, 71
in staff, 1463
nurses, role, 1419
out-patient, 1239
Pseudomonas cepacia infection, 525
Haemophilia, costs of treatment, 1783
Halothane, abuse, by staff, 1268
in air of operating theatres, 549, 1485
residual, 402
Ham Green Hospital, Bristol, unit for younger disabled patients, 1514
Handicapped children, day centre, Pinder Centre for Children, 1535
rehabilitation centres, design, 277
Home for Crippled Children, Pittsburgh, 276
unit for, St. Blazey Hospital, 907
Handicapped persons, care of, 1534
Handwashing, infection prevention, 536
Hanusch Hospital, Vienna, description, 1084
Head nurses *see* Sisters
Health centres, mobile, St. Mary's Health Center, St. Louis, 1651
provided by hospital, Hospital for Sick Children, Toronto, 1565
Health education, of long-stay patients, 1476
of patients, 84, 1613
benefits, 1475
public seminars, value, 511
Health insurance, effect on demand, United States, 1141
for mental health services, effects, 447
United States, administrative costs, 995
costs, 1595
Health-line, information service for patients, Wisconsin, 1173
Health services, administrative control, 811
economics, 979
Great Britain *see* National Health Service, 1226
individual and community interests, 612
Israel, 307
New York City, analysis, 977
politics of, 1
Norway, developments, 150
organizations, United States, 1678
planning, 811
hospital as focus for, 1527
politics of, 1
reorganization, role of hospitals, Canada, 1082
Tasmania, 2
United States, compared with Great Britain, 1226
co-ordination, 814
equality in and right to, 924
microeconometric models, 211
use, 368
Heat recovery, 954
from incinerators, 1013
Heating, economies, 330
efficiency, 1394
out-patient departments, 954
Hebrew Home for the Aged, Riverdale, N.Y., design, 1694
Helicopters, for transport, of critically ill children, Ohio, 1060
of emergency patients, 544
of patients, 395
Henri-Mondor Hospital, reception department, 121
Hepatitis, in anaesthetic practice, 519
in haemodialysis units, 520
prevention, 71
in staff, 1463
in hospitals for the mentally handicapped, 682
in medical staff, 478
prevention, 687, 1751
screening patients for, 478
Hepatitis, in staff, 516
prevention, 191, 518, 1751
staff as source, 524
Hexachlorophane, as an antiseptic, safety, 1009, 1606
in prevention of staphylococcal infection in nurseries, 1009
Hillcrest, for younger chronic sick, Moseley, Birmingham, design, 788
History, children's hospitals, Western Germany, 582
Dumfries and Galloway Royal Infirmary, 610
psychiatric services, United States, 1814
Royal Cornwall Infirmary, 768
University College Hospital, 1081
Withington Hospital, Manchester, 455
Home care, 1179
British Columbia, 401
cancer patients, Christchurch Hospital, Dorset, 1808
chronic sick, 139
Denmark, 1022
evaluation, 1623
oxygen treatment, 272
of psychiatric patients, evaluation, 977
United States, 284
Home for Crippled Children, Pittsburgh, 276
Homepayne (Ont.) Community Hospital, long-stay departments, 306
Homes for Special Care, for after-care of psychiatric patients, Ontario, 766
evaluation, 765
Hospital Activity Analysis, cancer registration as by product, 1064
and health information systems, 1730
Hospital Advisory Service, effect of advice on care of geriatric patients, 747
Hospital infection, *see also* Wound Infection, and under individual infections, e.g. Hepatitis; Staphylococcal infection
in amputees, 681
bedpans as source, 1603
catheters as source, 1163
intravenous solution bottle caps as source of infection, 1328
in isolation wards, 515
in laboratory staff, 799, 1461
broken glass ampoules as source, 1466
mechanical respirators as source, 1006
in newborn infants, 523
in newborn intensive care unit, 1462
nurses as source, 855
prevention, 387, 533, 534, 685, 686, 1164
accreditation standards, 690
Canada, 689
effect of unit dose dispensing, 1772
handwashing, 536
in intensive care units, 537, 861
role of medical microbiologist, 688
routine sampling, 73
in urology departments, 1008
by ventilation, 331
relationship with staff turnover, 1162
in surgical departments, 1602
surveillance, 1323
electronic data processing, 1605
punch card system, 1165
transmission, 232
Hospital Internal Communications Project, 1427
Hospital schools, 435
Hospital services, Aargau, Switzerland, planning, 929
classification, 927
duplication, evaluation, 1432
economics of, 651, 979
England, priorities, 923
France, planning, 153
Great Britain, planning, 928
Italy, 769, 770
Lower Austria, 771
Netherlands, planning, 309
New York City, analysis, 977
Northern Ireland, development plan, 1528
Quebec, 210
rural, planning, New Zealand, 1229

Hospital services, Schleswig-Holstein, 611
United States, planning, 774
future trends, 925
Western Germany, rationalization, 652, 982
Hospital for Sick Children, Toronto, community clinic, 1505
organization of care, 1209
Hospitals, accountability, 1128
administrative accountability, United States, 1127
charitable, Western Germany, losses under recent legislation, 1310
classification, by performance, 1131
communications with general practitioners, 86
function classification, 1677
future of, 1679
as health centres, 730
and health services planning, 1527
as 'integrated health centres', 1079
Italy, 457
compared with Denmark and Switzerland, 1581
at night, 1428
proprietary and voluntary compared, United States, 1580
as providers of primary care, 1650
rating as good or bad, 1080
relations with medical schools, 1227
role, in health services reorganization, Canada, 1082
Spain, 456
United States, 1380
use, 1057, *see also* Admission(s); Bed use
economic, Western Germany, 825
effect of health insurance, United States, 1141
effect of Medicare, 1729
England and Wales, 47
prediction, 1709
United States, 1434
Western Germany, legal constitution of governing bodies, 613
Hostels, for long-stay patients, Stoke Mandeville Hospital, 138
for mentally handicapped patients, design, 322
House officers, hours of duty, 1554
married, stress problems, 481
work study, Royal Adelaide Hospital, 966
Human factors, in equipment design, 382
Humanity in the hospital, 873, 874
Hvidovre Hospital, København, design, 1687
nursing, management, 204
transport, 1539
Hygeia Diagnostic and Therapeutic Centre, Athens, design, 1686
Hygiene, 78, 851, 1000
and air-conditioning, 1098
bacteriological tests, 860
bedpans, 1603
of carpeting, 1253
in catering, 1154
of internal transport systems, 470
measures for improvement, 1601
training, 1001, 1104
washrooms and toilets, 859
Hyvinkää Regional Hospital, design, 782

Incentive bonus schemes *see* Bonus incentive schemes
Incentive reimbursement, United States, 654
Incineration, 1609, 1757, *see also* Refuse disposal
heat recovery, 1013
Industrial relations, training, for senior managers, 1548
Industrial therapy, Odstock Hospital, Salisbury, Wilts., 1196
psychiatric patients, 1075
evaluation, 1828
Willard (N.Y.) Asylum, 1074
Industrialized building, 1385, 1386, *see also* Building
out-patient departments, 934
Infants, *Escherichia coli*, 72, 229
newborn, infection, 523
monitoring, 117
rooming-in, 142
respiratory syncytial virus infection, 522
Infectious diseases, staff protection against, 532
Infectious diseases departments, Eastern Germany, 740
Information booklet, for patients, 82
Information systems, 42, 220, 371, 579, 985, 1144, 1444
Canada, 664, 1304
Deaconess Hospital, St. Louis, Miss., 659
Little Company of Mary Hospital, Evergreen Park, Ill., 658
for management, 1589
medical, 1305
MUMPS, 1302
North Staffordshire Hospital Centre, 660
psychiatric hospitals, 600
radiology departments, 110
regional, development, 216
role of Hospital Activity Analysis, 1730
social work departments, 1614
Infusion stands, mobile, specification, 1398
Ingalls Memorial Hospital, Harvey, Ill., design, 160
Innovation, factors affecting, 1429
Installations, operating instructions, 1538
Insurance, health, United States, 52, 1149
legal liability, Sweden, 1478
liability, 665
Intensive care, 567, *see also* Coronary Care
economic aspects, 1201
Intensive care units, 1046
for children, Charleroi Civil Hospital, 1047
design, 1690, 1691
electronic data processing, 1500, 1787
staff training, 425
equipment, 1045, 1690
infection, prevention, 537, 861
neurosurgery, patient monitoring, 902, 1048
for newborn babies, electronic data processing, 1501
infection, 1462
nurses, training, 724
patient classification, 1200
staff, stress, 726, 1645
triage area, Royal Hobart Hospital, 1044
Interior design, Ingalls Memorial Hospital, Harvey, Ill., 160
long-stay department, Sunnybrook Medical Centre, Toronto, 184
out-patient departments, 960
Plan S(42), 15
staff dining room, King's College Hospital, London, 14
Sundsvall Hospital, 183
Interview room, in casualty departments, 431
Intravenous solutions, bacterial contamination, 529
bottle caps as source of infection, 1328
glass and PVC containers compared, 530
preparation, laboratory, 895
methods and costs compared, 1773
Inventory control, 380, 1452
blood banks, simulation model, 899
in pharmacies, 1768
Isolation units, 74, 1794
cross-infection, 515
Isolators, 1752
effect on wound infection, 1755
for leukaemia patients, 1750
plastic, 1794
evaluation, 1468
Israel, disaster planning, 1170
health services, 307
Italy, casualty services, 124
hospital services, 769, 770
hospitals, 457

Job analysis, laboratory staff, 1776
Job descriptions, 796
Job evaluation, 1719
Job satisfaction, pharmacists, incentives, 1285
unit managers, 1106
Juliana Hospital, Apeldoorn, design., 165

Karsudden Hospital, Sweden, for psychopaths, 446
Kidney transplantation, regional service, Minneapolis, 1066

King Edward Memorial Hospital for Women, Perth, genetic investigation centre, 143
King Faisal Specialist Hospital, Saudi Arabia, design, 1389
King's College Hospital, London, family planning clinic, staffed by nurse specialists, 1078
staff dining-room, 14
Kitchens, design, Halmstad County Hospital, 1533
Saint Francis Hospital, Rotterdam, 1597
Kolding Hospital, design, 781

La Source Hospital, Orléans, design, 1532
La Timone Hospital, Marseille, design, 311
Laboratories, analysers, 1039
evaluation, 1040
autoclaves, safety, 268
bacteriology, staff, tuberculosis, 683
benches, as source of bacteria, 1467
biochemistry, evaluation of services, 898
clinical chemistry, electronic data processing, 1497
pollution control, 1036
contamination of blood cultures, 528
costs, control, 105
design, 1689, 1774
electronic data processing, 101, 102, 267, 897, 1035, 1193, 1495, 1496, 1634
selection of system, 1192
function, 1774
haematology, quality control, 1633
integrated district service, Hamilton, Ont., 1191
microbiology, environmental contamination, 562
new tests, cost-benefit analysis, 1775
pathology, electronic data processing, 104, 720, 1038
planning, 103
request form with slits for specimen tube, 561
work load, 719
postal service, economy measures, 1034
quality control, electronic data processing, 106
respiratory function, electronic data processing, 266
specimen transport, gravity system, 100
staff, 1349, *see also* Laboratory assistants; Medical laboratory technicians
health risks, 799
infection, 1461
broken glass ampoules as source, 1466
job analysis, 1776
needs, estimation, 1493
protection from contamination, 528
statistics, Canada, 1350
supervisory staff, management training, 560
in teaching hospitals, 422
theft, 265
use by general practitioners, collection service, 1037
vandalism, 265
work load, 719
effect of new tests, 1194
Laboratory assistants, training, Switzerland, 1349
Laboratory tests, costs, Austria, 1494
Laminar air flow, operating theatres, 256, 711, 955, 1024, 1250
bacteriological evaluation, 538
evaluation, 864
Landscaping, 1095
long stay hospitals, 439
Laundering, new methods, and hygiene, 385
Laundries, central, 680
control, 679
efficiency, 67
contract, Netherlands, 1321
hygiene, Budapest, 847
patients' clothing, special service, 68
reconstruction, István Hospital, Budapest, 783
small, economics of, 678
Vichy Hospital Centre, 384
Leasing, of equipment, 1152
Legal liability, insurance, Sweden, 1478
Legislation, mental health services, Great Britain, 445
Leiden University Hospital, fire and safety services, 1338
services, 1083
Length of stay, accident unit, 577
and costs, 1138
effect of age on, 213
effect of method of payment, 494
effect on short-/long-stay bed ratio, 773
extension, for social reasons, 1724
factors affecting, 1584
prediction, 1583
review, 369
standard forecasts, 823
statistics, electronic data processing, 1301
Western Germany, 824
Leukaemia patients, isolators, 1750
Liability insurance, 665
Librarians, clinical, evaluation, 1443, 1732
Libraries, co-operation, 826, 1306
design, 942, 943
Great Britain, 373
Ottawa Civic Hospital, 1590
for patients, 218
children's hospitals, 219
role in patient care, 1307
Scotland, history, 374
standards, 44, 943
United States, 1591
Lighting, 178
operating theatres, 469
patients' rooms, 1242
Limoges University Hospital Centre, design, 938
Linen, *see also* Polyester/cotton
services, central, control, 679
control, 1746
spoiled, vacuum transport system, 1011
Liquids, bacteria in, 857
Lito Maternity Clinic, design, 1696
Littlemore Hospital, Oxford, sick unit, for psychiatric patients, 1368
Lockers, for patients, 1261
London Hospital, maternity department, medical records, 916
Long-stay, *see also* Chronic sick; Geriatric
Long-stay beds, for geriatric patients, needs, Western Germany, 438
Long-stay departments, design, Sunnybrook Medical Centre, Toronto, 184
Homepayne (Ont.) Community Hospital, 306
for younger patients, design, Hamlet House, St. Francis Hospital, Dulwich, 169
Hillcrest, Moseley, Birmingham, 788
St. George's Hospital, Lincoln, 464
Long-stay geriatric patients, London, 587
Long-stay hospitals, administration, 1211
bed use, review, Utah, 1802
capital expenditure, 221
catering, 61
children, abandoned by parents, 1795
care, 137
costs, 746
design, 319
Athens, 1695
Bornholm Nursing Home, Hoofdorp, 465
Zuyder Waert Heerhugowaard, 787
landscape gardening, 439
management, intersystem approach, 1662
pharmacies, 555, 712
staff, health services, 190
job satisfaction, 745
Long-stay nursing homes, design, Weinfelden, 786
Long-stay patients, care, 136, 283, 591, 749
costs reimbursement, United States, 586
improvement, 909
quality, review, 910
Utah, 1802
health education, 1476
hostel, Stoke Mandeville Hospital, 138
medical records, 1513
Low air loss bed (system), 623, 624
Lukas Hospital, Apeldoorn, design, 166

MacMillan Unit for Cancer Care, Christchurch Hospital, 750

MacMillan Unit for Cancer Care, home care, 1806
Maintenance, of anaesthetic equipment, 405
of biomedical equipment, 1101
of buildings and equipment, 957
electronic data processing, 958
of electronic equipment, 182, 621
of grounds, 1392
planning, 1231
preventive, 79, 181
control, using addressing machine plates, 792
staff, bonus incentive schemes, 33
Management 209, 360, 491, 976, 1126, 1288, *see also* Administration
analysis, 1290, 1291, 1292
electronic data processing, 1289
France, 1129, 1130
casualty departments, 125, 1655
by contract, 815, 1578
United States, 813, 1286
diagnostic X-ray departments, 1778
economic, 1295
effective, 1717
games, in staff training, 629
information, collection, 1132
electronic data processing, 1589
for geriatric services, 281
Japan, 1720
medical staff participation, United States, 1556
nursing, 1116
case studies, 355
Kingston General Hospital, Ont., 1278
objective setting, 1719
by objectives, 1124, 1125
social work departments, 1616
participative, 188, 1427
in nursing, 203
planning, Hillcrest Medical Center, Tulsa, Okla., 1718
problems, 1293
Quebec, 210
role of medical staff, 25, 34
statistics for, 376, 1289-1292
stores, 673
training, 1703
for laboratory supervisors, 560
St. Thomas' Health District, 1704
Toronto General Hospital, 1403
use of games, 629
wards, research, Wessex Region, 1180
Manpower, information on, effect on policy making, 1400
planning, 333
Mary Lane Hospital, Ware, Mass., design, 159
Materials management, 222, 1317
Maternity departments, anaesthetic services, Birmingham region, 596
design, Seton Medical Center, Austin, Tex., 320
electronic data processing, London Hospital, 916
Family Hospital, Milwaukee, Wis., 290
family planning services, 453
general practitioner, 1363
larger, development of, 1520
rooming-in, 142
Maternity hospitals, design, Greece, 1696
general practitioners in, Mercy Maternity Hospital, Melbourne, 595
Maternity patients, care, community obstetric project, West Middlesex Hospital, 442
development, 1213
by nurse-midwives, 810
quality, evaluation, 291
early discharge, 1068
referral to antenatal clinics, 1214
selection of hospital, factors influencing, 1384
Maternity services, family centred, Philadelphia, 1364
Finland, 1283
Great Britain, 1519
Norway, 1283
planning, New York City, 1362
regional, New York State, 594
Sweden, 1283
Maternity services, West Middlesex Hospital, 443
Matrix organisation, 1287
of nursing, 1282
Mattress covers, specification, 1459
Mattresses, 1260
Maudsley Hospital, locked ward, 598
Meals, patients' views on, Western Germany, 502
Meat, group purchasing, California, 381
Medicaid, 51
Medical Center Hospital, Odessa, Tex., operating suite, design, 1093
Medical directors, training, 345
Medical documentation assistants, Western Germany, 1706
Medical equipment, control system, 625
quantitative reliability techniques, 1399
Medical gases, safety measures, 1339
systems, standards, Canada, 959
Medical laboratory technicians, mortality, 22
Medical microbiologist, role in infection control, 688
Medical records, accuracy, 1592
casualty departments, 126
community hospitals, 663
code of practice, 829
coronary care units, 569
departments, staff, hours of duty, four-day week, 1308
discharge summaries, European survey, 1593
electronic data processing, 375, 830, 1439, 1731
Canada, 1304
evaluation, 990
microfilming of output, 1733
pathology departments, 1038
Royal Free Hospital, 831
evaluation, 45
and evaluation of care, 662, 879
linkage, electronic data processing, 1309
West Lothian, 828
long-stay patients, 1513
microfilming, 1734
officers, hours of duty, 1308
recruitment, 193
role, 192
patient report system, 498
problem-oriented, 989
casualty departments, 128
use in discharge letters, 1342
psychiatric *see* Psychiatric records
Medical staff, *see also* Gynaecologists; House officers; Medical directors; Obstetricians; Psychiatrists; Radiologists
casualty departments, computer-aided instruction, 1206
conditions of service, Switzerland, 1274
distribution, United States, 801
Great Britain, 479, 480
distinction awards, 803
hepatitis, 478
legal rights and duties, 343
and management, United States, 1556
organization, Great Britain, 800
St. Mary's Hospital, Rochester, N.Y., 634
role 632
in management, 25, 34
salaries, 1272, 1433
as source of tuberculosis, children's departments, 386
Sweden, statistics, 802
as trustees, United States, 1555, 1556
Medical students, involvement in patient care, Rochford (Ill.) School of Medicine, 1649
Medicare, effect on bed use, 495
effect on hospital use, 1729
evaluation, 908
legal proceedings, 1313
reimbursement methods, 668
Memorial Hospital, Woolwich, day house for geriatric in-patients, 282
Meningitis, in chronically sick children, 684
Mental health review tribunals, 1820
Mental health services, *see also* Psychiatric services
Great Britain, legislation, 445
review, 1812

Mental health services, health insurance, effects, 447
in rural areas, 606
trends, 1810
Mentally handicapped children, community care, Wisconsin, 1379
hospitals, Auhof, Nuremberg, 1536
Elisabeth Ludeman Center, Park Forest, Ill., 296
living units, 1835
St. Blazey Hospital, 907
Mentally handicapped patients, assessment, by nurses, 207
care, collaboration between patients and staff, 1831
in North Wales, 758
quality, and size of hospital, 760
care assistants, Denmark, 208
day care, Oakwood Hall Hospital, Rotherham, 1834
hospitals for, carpeting, cleaning, 850
design, Netherlands, 1391
hepatitis, 682
size, and quality of care, 760, 917
staffing needs, 917
voluntary workers, 1366
hostels, design, 322
independence, training, 295
mixed sex wards, 1833
nurses, 1422
staffing needs, calculation, 1577
play, 449
pocket money scheme, Normansfield Hospital, Teddington, 1378
relationships with nurses, 1832
work in hospitals, United States, 1069
Menus, cycle, patients' views on 382
forms, design, effect on tray assembly, 513
planning, electronic data processing, 61
tallying, electronic data processing, 507
Mercy Maternity Hospital, Melbourne, general practitioners on staff, 595
Mergers, economics of, 981
Merian-Iselin Hospital, Basel, design, 940
Messenger service, Torbay Health District, 325
Methadone, unit dose dispensing, in drug addiction treatment, 894
Metric system, in catering, 223
Microbiology laboratories *see* Laboratories, microbiology, 562
Microeconometric model, United States health services, 211
Microfilming, applications, 987
cost-benefit analysis, 1445
of medical records, 1734
computer output, 1733
Microwave ovens, 1455
in floor kitchens, 676
Mount Sinai Hospital, Ste. Agathe des Monts, Quebec, 1456
Midwifery tutors, 1423
Midwives, role, 1122
Military hospitals, design, Val-de-Grâce Hospital, Paris, 461
Fiesch Hospital, Switzerland, 462
Milwaukee Children's Hospital, Pediatric Cardiovascular Center of Wisconsin, 278
Monitoring *see* Patients, monitoring
Moving, to a new building, 49, 834, 1148
Mühlacker Hospital, Baden-Würtenberg, design, 10, 92
MUMPS, information systems, 1302
Music therapy, psychiatric patients, 394
Mycobacterium kansasii, water as source, 858
Myocardial infarction patients, early discharge, evaluation, 1502
Mycotic infection, 1003

Napsbury (psychiatric) Hospital, voluntary workers, 763
National Drug Education Foundation, proposed establishment, United States, 1186
National Health Service, compared with United States health services, 1226
priorities, 923
Nebulizers, bacterial contamination, 527
Nehru Hospital, Chandigarh, India, engineering services, 1700
Neonatal unit, echo 19 virus infection, 1749
Netherlands, hospital services, planning, 309
psychiatric services, regionalization, 147
Network analysis, in planning, 1526
Neurosurgical intensive care units *see* Intensive care units, neurosurgery, 902
Nimes Regional Hospital Centre, staff, cloakrooms, design, 941
Ninewells Hospital, Dundee, central sterile supply department, 695
Noise, control, 703
Northern Ireland, hospital services, development plan, 1528
Norton-Children's Hospitals, Louisville, Ky., design, 1090
Norway, health services, developments, 150
maternity services, 1283
out-patient services, development, 1652
Nucleus hospitals, 459, 1235, 1388
Nurse call systems, 13, 1243
Nurse clinicians, 1558
reactions to, 346
Nurse midwives, in care of maternity patients, 810
Nurse practitioners, barriers, 26
in geriatric care, 1210
in geriatric hospitals, 1713
in out-patient departments, 1119
acceptance by medical staff, 1204
Nurse specialists, in family planning clinic, King's College Hospital, London, 1078
Nurse therapists, in psychiatric, training, 1370
Nurse tutors, *see also* Clinical tutors, 1573
job satisfaction, 1574
training, 1716
Huddersfield Polytechnic, 637
United Kingdom, 1715
Nurseries, staphylococcal infection, prevention, 1009
Nurses, *see also* Family nurse clinicians; Nurse clinicians; Nurse midwives; Nurse practitioners; Nurse specialists; Nurse therapists; Nurse tutors; Nursing assistants; Nursing auxiliaries; Nursing officers; Psychiatric services; Student nurses
absenteeism, management, 630
autonomy, Iowa Veteran's Home, 482
in cancer wards, 642
in care of anaesthetized patients, 257
in care of diabetic patients, 1712
conditions of service, 197
extended role, nurses' attitudes to, 1114
United States, legislation, 1118
floating, allocation model, 1568
as genetic counsellors, 1570
in geriatric departments, staffing levels, 1512
in haemodialysis units, role, 1419
hours of duty, 12-hour shifts, 351
and quality of care, 350
job appraisal, 969
job satisfaction, 969
improvement, 1557
legal rights and duties, 343
manpower studies, Scotland, 636
married, recruitment, factors influencing, 1111
for mentally handicapped patients, 1422
in operating theatres, pre-operative visits to patients, 1361
performance, rating, 484
reporting system, Basel Cantonal Hospital, 485
post-registration degree courses, Great Britain, 1280
recruitment, 1112
relationships with medical staff, 647
relationships with patients, 1418, 1569, 1760
role, France, 194
in nutritional care, 225
in patient care review, 253
scheduling, electronic data processing, 805
mathematical models, 963
as source of bacteria, 855

Nurses, staffing levels, in geriatric hospitals, 280
at night, 1567
staffing management, 27
staffing needs, based on patient dependency, 709, 1176, 1277, 1563
calculation, 1709
in stoma care, 565
temporary, New York State, 196
in therapeutic communities, 1120
training, 348, 352, 638, 967, 971, 1108, 1569
assessment form, 1412
clinical experience, 199, 973
in the community, 29
continuing, 19
Denmark, 30
educational technology, 1115
evaluating performance, 1414
evening classes, Maryville College, St. Louis, 972
experimental course, Lehman College, New York, 1571
games and simultations, 198
in genetics, 1570
in geriatric care, 206
for intensive care, 724
interdisciplinary course with social workers, 1572
for job satisfaction, 1557
module system, 1415
multimedia approach, 354
Netherlands, 202
post-basic and specialist, 1279
postgraduate, 353
in psychiatric care, 639
schools, clerical staff, 1406
Sundsvall, 1575
value of hospital schools, 1281
standards, 1710
teaching materials, bibliography, 200
Tel Aviv University, Israel, 1417
United States, 1416
for upgrading, 201
ward assessment, 970
Western Germany, 1413, 1416
triage, in casualty departments, 127
turnover, factors affecting, 1565
West Yorkshire, 968
United States, 483
wastage, 349
work-life, 28
work study, 1117
Nursing, 87, 967, 1109, 1408, 1409, 1276, 1561, *see also* Patient care
administration, 486, 641, 647
Brent Health District, 640
assistants, Denmark, 644
training, Sweden, 645
auxiliaries, Netherlands, 488
case, quality, 1020
decision-making, 487
errors in procedures, 400
geriatric, 590
lifting burden, 912
Great Britain, trends, 1110
management, 1116
case studies, 355
Hvidovre Hospital, 204
participative, 203
night, 1428
officers, Great Britain, role, 1711
work, analysis, 804
in operating theatres, 807
organization, 1113, 1282
matrix, 1576
pool, organized by hospital association, 1566
primary, change to, 1479
of renal transplant patients, effect, 751
of psycho-geriatric patients, 1828
research, 1411
as a research-based profession, 1108
services, budgeting, Kingston General Hospital, Ont., 1278
Nursing, management, Kingston General Hospital, Ont., 1278
role in the modern hospital, 347
sociological theories, 1107
standards, 546
team, 249
surgical ward, Brompton Hospital, 1021
United States, 483
history, 1560
Nursing homes, nurses, staffing levels, 280
United States, 1803

Oakwood Hall Hospital, Rotherham, mentally handicapped patients, day care, 1834
Observation ward, in casualty department, evaluation, 734
Obstetricians, staffing needs, Utah, 1273
Occupational therapists, training, 270, 271
combined first-year course, 974
Occupational therapy, *see also* Industrial therapy
departments, Sint Radboud Hospital, Nijmegen, 1782
Odours, and air-conditioning, 620
Odstock Hospital, Salisbury, Wilts., industrial therapy, 1196
Office equipment, 1143
Old people *see* Geriatric
One-to-One project, 1366
Operating enclosures, 75, 403, 1024
Operating suites, air hygiene, and infection control, 865
design, Dortmund Municipal Hospitals, 619
Medical Center Hospital, Odessa, Tex., 1093
disaster planning, 92
patient care, 1181
staphylococci, 228
Operating theatres, air-conditioning, 1023
anaesthetic gases in air, 1624, 1626
prevention, 885
bacterial contamination, effect of staff, 862
effect of surgical masks, 862
design, 1484
modular, 784
equipment, 1484
halothane in air, 549, 1485
laminar air flow, 256, 711, 955, 1024, 1250
bacterological evaluation, 538
evaluation, 864
lighting, 469
nursing, 807
organization, Plymouth Health District, 1025
record of surgeons' requirements, 91
scheduling, 1766
electronic data processing, 1625
staff, clothing, and dispersal of bacteria, 1464
effect on bacterial contamination, 862
health risks from anaesthetics, 404
hours of duty, 10-hour day, 884
sterile enclosures *see* Operating enclosures
sterile supplies, from central department, 868
Operational research, in planning, 1526
Operations auditing, 1314
Ophthalmology, screening, Harlem Hospital Center, New York, 753
United States, problems, 1365
Opthalmology hospitals, general practitioners, in casualty department, 1808
sterilization procedures, 694
Ophthalmology services, Scotland, 1670
Ophthalmology ward, week-end closure, Kettering and District General Hospital, 754
Organization, 360, 812, 975
casualty departments, 1655
development, 361, 1430
effective, 1717
Italy, 817
matrix, 1287
of nursing, 1576
of planning, 1088
Organization and methods *see* Work study
Out-patient care, of children, quality, evaluation, 132
dietitians, 510

Out-patient care, electronic data processing, bibiography, 430
geriatric patients, St. Anthony Hospital, Chicago, 1804
by medical students, Rochford (Ill.) School of Medicine, 1649
quality, effect of use of protocols, 1791
evaluation, 1504
social workers in, 1617
Out-patient clinics, for children, in group practices, 436
Out-patient departments, appointment systems, 39
manual, 1588
building, 931
for children, in general practitioner hospitals, 131, 742
Cook County Hospital, Chicago, 119
Out-patient departments, design, 934, 945, 946
Rostock, 317
electronic data processing, 1653
financial planning, 1054
follow-up, by letter or telephone, 1503
geriatric patients, 140, 748
heating, 954
information systems, North Staffordshire Hospital Centre, 660
interior design, 960
Italy, organization, 428
nurse practitioners, 1119
acceptance by medical staff, 1204
organization, and quality of care, 1052
pharmacies, 410
drug use, screening by computer, 1488
planning, 946
use, as source of primary care, 426
Canada, 729
waiting times, 39
work study, follow-up study, 1654
Out-patient services, human aspects, 736
Norway, development, 1652
planning, 429, 930
regional, 120
Out-patient surgery, 289, 1518
centres, design, 172
for gynaecology patients, 593
Hammersmith Hospital, 1669
hospital-based versus free-standing, 286
pre-operative assessment, 441
Presbyterian Hospital, Dallas, 287, 288
Walton Hospital, Liverpool, 592
Western General Hospital, Edinburgh, 1517
Out-patients, care *see* Out-patient care
catering service, 677
information cards, 572
information on drugs, 1190
laboratory services, electronic data processing, 1634
reception, Henri-Mondor Hospital, 121
record card, Netherlands, 904
satisfaction with care, 905
Oxygen treatment, in home care, 272

Palliative care *see* Terminal care
Paraplegic hospitals, social work, Centro Nacional de Paraplejicos, Toledo, 1341
Parents, meetings, in day hospital for handicapped children, 1800
Pathologists, mortality, 22
role, 103
Pathology laboratories *see* Laboratories, pathology, 104
Pathology reports, copying and storage, 1635
electronic data processing, 1636
Patient(s), *see also* Special classes of patients, e.g. Geriatric; Psychiatric
care, 87, 245, 875, 967, 1109, 1409, 1618, *see also* Home care; Intensive care; Nursing; Out-patient care; Terminal care
behavioural aspects, 878
classification, legal aspects, 1177
by need, 707, 1277
co-ordination, development programme, 250
data on, 199
experiment in patient assignment, 88
human aspects, 873
Patient(s), care, improvement, 1822
individualized, 397
by nurse clinicians, 1558
in operating suites, 1181
problem-oriented, 1175
quality, 980, 1020, 1763, 1764
communications as an aid, 1482
control, 1621
effect of 12-hour nursing shifts, 350
evaluation, 90, 710, 880, 881, 1622
in casualty departments, 737
medical records in, 662, 879
role of nurses, 253
'staging' technique, 732
statistical method, 399
'tracer' technique, 733
review, 252, 1489
United States, 251
standards, 546
charges *see* Charges to patients
clothing, laundering, special service, 68
communications with doctors, 1613
complaints, procedure, Great Britain, 542
dental services needed while in hospital, 1671
dependency, as measure of nursing staff needs, 709
effect of ward environment on, 392
health education, 84, 1613
by pharmacists, 1628
Wisconsin, 1173
hoist, as part of walking frame, 471
information booklet, 82
information leaflets, Copenhagen County, 1612
information systems, 220
legal protection, Norway, 85
libraries, 218
lockers, 1261
monitoring, 902
automated, 727
electronic data processing, 725, 1202, 1787, 1788
staff training, 425
newborn infants, 117
neurosurgical intensive care unit, 1048
nutritional care, nurses' role, 225
psychological response to care, 1760
recall, problems, 423
registration, centralized, 1309
relationships with staff, 701, 1266
report system, 498
rooms, *see also* Wards
cabinet unit, 1102
design, 951
equipment, Belgium, 1256
Switzerland, 1255
lighting, 1242
sanitary equipment, 1251
thermal comfort, 1541
satisfaction, coronary care, 1648
selection, for scarce treatment, 1481
services department, Plains Health Centre, Regina, 1171
transfer, within hospital, 1611
transport, when critically ill, 246
by helicopter, 395, 544
voluntary hospital car service, 543
unconscious, nutritional care, 1744
views, on casualty departments, 580
on hospital, 83, 245
discharge comment form, 702
Netherlands, 876
on meals, Western Germany, 502
on out-patient care, 905
welfare, 874, 875, 1340
Personnel, *see also* Staff
Personnel departments, 962
Central Birmingham Health District (Teaching), 627
Personnel management, United States, 474
Petit Bourgogne (psychiatric) Hospital, Liège, design, 950
Pets, in hospitals, 1018
Pharmaceutical services, United States, 1186

Pharmacies, 406
advantages, 1344
adverse drug reactions, monitoring, 1490
audit *see* Drugs, use, review
audiovisual communication, 551
Australia, effect of national health insurance, 258
clinical services *see* Clinical pharmacy
Denmark, 1027, 1028
disaster planning, 554
electronic data processing, 93, 416
Hungary, 407
inventory control, 1768
in large hospitals, United States, 887
in long-stay hospitals, 555, 712
Netherlands, 1185
New Zealand, 1489
non-sterile products, as source of *Pseudomonas aeruginosa*, 1604
out-patient, 410
drug use, screening by computer, 1488
planning, 1026
pricing system, 409
Pseudomonas aeruginosa, 856
Sint Radboud Hospital, Nijmegen, 1769
small hospitals, 1345, 1627
technicians, training, 888
theft from, 550
United States, 1183
Pharmacists, health education, for patients, 1628
job satisfaction, incentives, 1285
as member of ward team, 94
Netherlands, 1185
New Zealand, 1489
in psychiatric departments, 96
training, Canada, 358
for clinical pharmacy, Spain, 1770
continuing, 552
in hospital residencies, 889
United States, 1487
United States, 1487
Pharmacologists, clinical *see* Clinical pharmacologists
Philadelphia Geriatric Center, Weiss Institute, 279
Physician's assistants, 32
United States, 646
in diagnostic X-ray departments, 1639
Physiotherapists, training, combined first-year course, 974
Physiotherapy departments, general practitioner access, 113
Pictures, in patients' rooms, Lund Hospital, 1542
Pieter Pauw Hospital, design, 10
Pillows, fillings compared, 1600
Pinder Centre for Children, day centre, for handicapped children, 1535
Planning, 458, 492, 1086, 1087, 1684, *see also* Design
Aargau, Switzerland, 929
catering departments, 1155
developing countries, 1525
effect on costs, 1135
for electronic data processing, 496
for flexibility and expansion, 313
France, 153
government control, 5
geriatric services, statistics, 913
health services, hospital as focus for, 1527
hospital services, Great Britain, 928
Netherlands, 309
United States, 774
maternity services, New York City, 1362
organization, 1088
out-patient services, 429, 930
procedures, 308
of projects, 310
public consultation, Clwyd Area Health Authority, 1230
regional, maternity services, New York State, 594
out-patient services, 120
United States, 152
role of architects, 614
rural hospital services, New England, 1229
United States, 151, 1680
Play, for mentally handicapped patients, 449
schemes, for children in hospital, 1509
Play-therapy groups, for children with cancer, 1661
Pneumatic tube, for transport of refuse, 327
Poison control centres, Canada, 114
Poisoning, analytical service, electronic data processing, 1499
Policy and procedure system, 490
Polyclinics *see* Out-patient departments
Polyester/cotton, advantage over pure cotton, 848
qualities, 1322
Pre-admission testing, 81
Pre-convalescent beds, demand for, 89
Prefabrication *see* Industrialized building
Presbyterian Hospital, Oklahoma City, Okla., design, 1091
Prescribing, review, 261
Prescriptions, compliance of discharged patients, 1771
transmission to pharmacy by closed circuit television, 97
Pressure sores, bed for treating, 623, 624
incidence, 396
prevention, 248, 708
use of microcellular sponge pad, 1480
treatment, 708
hospital-provided, 1355, 1650, 1790
Primary care, hospital-supported, Pennsylvania, 427
Primary nursing *see* Nursing, primary
Princess Margaret Hospital, Kowloon, Hong Kong, 1085
Private beds, Great Britain, 305
Probability sampling, 991
Production function, 35
Productivity, in catering, 674, 675
Professional Standards Review Organizations, 251
Programmed investigation unit, Royal Victoria Infirmary, Newcastle-upon-Tyne, 1641
Project management, 775
Project planning, 308, 310, 1231
Projects, analysis, to determine priorities, 500
Proteus rettgeri infection, 1325
Protocols, in out-patient care, effect on quality, 1791
Pseudomonas aeruginosa, gentamicin-resistant, 854
pharmaceutical products as source, 1604
in pharmacies, 856
infection, 70
Pseudomonas cepacia infection, distilled water as source, 1329
in haemodialysis units, 525
Pseudomonas infections, 517
in coronary care unit, saline solution vial as source, 230
Psoriasis, day hospitals, 738
Psychiatric assessment unit, Veterans Administration Hospital, Salt Lake City, 1676
Psychiatric assistants, Clarke Institute of Psychiatry, Toronto, 489
Psychiatric case registers, Camberwell and Salford compared, 1817
Psychiatric day hospitals, role, 605
Psychiatric departments, 144
for children, Hôtel-Dieu du Sacré-Coeur de Jésus, Quebec, 1827
design, 321
pharmacists, 96
Psychiatric hospitals, 444, *see also* Community mental health centres
bed needs, Canada, 1675
England and Wales, 1218
bed use, 1222
decentralization, Illinois, 452
design, 321, 789
Petit Bourgogne Hospital, Liège, 950
Rosenburg Psychiatric Centre, The Hague, 1240
development into human services organization, 1524
developments, Exe Vale Hospital, 1369
information systems, 600
locked wards, Canada, 1373
Maudsley Hospital, 598
organization, effectiveness, 146

Psychiatric hospitals, plan for future, 1367
replacement by community care, United States, 764
secure units, 1809, 1813
sick units, Littlemore Hospital, Oxford, 1368
staff, training, for community care, 1215, 1375
supporting facilities, Western Germany, 1376
United States, 1714
data from accreditation surveys, 1819
future role, 597
voluntary 'case aide' workers, 601
voluntary workers, 1366
Napsbury Hospital, 763
Psychiatric nurses, as behavioural therapists, 1071
duties, 1420
extended role, 1121
relationships with patients, 1674
role, as therapists, 356
staffing needs, calculation, 1577
staffing patterns, 1674
training, assessments in, 1371
St. Luke's-Woodside Hospital, 808
in behavioural psychotherapy, 1370
for community care, 1215, 1375
Finland, 31
in rehabilitation, 643
United States, 1714
West Germany, 1421
Psychiatric nursing, practice committee, Clarke Institute of Psychiatry, Toronto, 1559
United States, 1714
Psychiatric patients, after-care, 604
home, Creil, 299
Homes for Special Care, Ontario, 766
evaluation, 765
role of psychiatrist, 762
Canada, admission statistics, 1818
care, 444, 1223
in the community, United States, 764, 1073
Hamburg, 1374
hospital versus community, cost-benefit analysis, 1220
improvement, 1822
quality, 609
evaluation, 1824
classification, 1222, 1821
compulsory detention, Great Britain, 1820
difficult, care, 1823
discharge, against medical advice, 451
feasibility study, Florida, 761
effect of environmental change, 1219
emergency admission, social workers' role, 1372
group homes, Oakwood Hospital, Maidstone, 1825
home care, evaluation, 977
industrial therapy, 1075
evaluation, 1826
Willard (N.Y.), 1074
legal rights, 1216
long-stay, 300, 301
statistics, Wessex Region, 448
music therapy, 394
part-time admission, 1076
readmission, factors in, 293
regional security units, 1809
relationships with nursing staff, 1674
token economy schemes, 148, 1072, 1224
transport, 294
work in hospital, United States, 1069
Psychiatric records, codification, for electronic data processing, 46
electronic data processing, 1816
privacy, 607
software, 759
Psychiatric services, Camberwell and Salford compared, 1817
Canada, trends, 1070
future developments, 1523
Great Britain, 756
information systems, Saskatchewan, 1815
Netherlands, regionalization, 147
North Worcestershire, 757
Oslo, 1217
Psychiatric services, policy changes, United States, 1811
trends, 1810
United States, history, 1814
Psychiatrists, in the community, role, 762
Psycho-geriatric care, 1828
hospital/social worker collaboration, 1377
Psycho-geriatric hospitals, design, Eduard Douwes Dekker House, Amsterdam, 173
Pauwenhof nursing home, 10
Psycho-geriatric nursing, community service, 450
Psycho-geriatric patients, admission, social factors, 1829
after-care, 298
assessment, by hospital and social workers, 1377
assessment unit, Exe Vale Hospital, 297
discharge, 298
Psycho-geriatric services, needs, 1830
Psychopaths, hospitals for, Karsudden Hospital, Sweden, 446
Public consultation, on planning, Clwyd Area Health Authority, 1230
Public health engineering, 1397
Public relations, 965
Purchasing, 'blank cheque' system, 996
classification of supplies by value, 380
clerical work, monitoring, 379
by contract, 1151
by departments, disadvantages, 670
electronic data processing, 840
group, of drugs, 1346
of meat, California, 381
stockless, 841

Quality control, 1637
domestic work, 227
haematology laboratories, 1633
laboratories, 1637
electronic data processing, 106
Quebec, hospital services, 210
Queen Fabiola Hospital, Montignies-sur-Sambre, radioisotope department, 564
Queen Mary's Hospital, Sidcup, general practitioner beds, 705

Radiation protection, 1405
of radiologists, 1195
Radioisotope departments, 424
design, 1781
Queen Fabiola Hospital, Montignies-sur-Sambre, 564
University of Michigan, 269
Radiologists, radiation protection, 1195
Radiology departments, information systems, 110
technical advisory service, Paris, 1042
Radiopharmaceutical services, 716
Radiopharmaceuticals, preparation, 424
Radiotherapy departments, staff, radiation doses, 1405
Radiotherapy patients, recall, problems, 423
Rape Crisis Centre, Toronto General Hospital, 115
Rationalization, 820
Recall of patients, problems, 423
Reception department, Henri-Mondor Hospital, 121
Refuse, disposal, 696, 869, 1012, *see also* Incineration
from clinical chemistry laboratories, 1036
vacuum transport system, 1011
transport by pneumatic tube, 327
Régéthermic food system, 1320
Regionalization, of hospital services, Switzerland, 1228
of psychiatric services, Netherlands, 147
Rehabilitation, 112, *see also* After-care
of cardiac patients, 721
centres, for handicapped children, design, 277
Home for Crippled Children, Pittsburgh, 276
psychiatric consultation in, 722
of stroke patients, involvement of relatives, 1515
Sweden, 900
training in, for psychiatric nurses, 643
Relatives, of stroke patients, involvement in rehabilitation, 1515
Renal dialysis *see* Haemodialysis
Renal transplant patients, primary nursing, effect, 751
Renal units, 116
Resource allocation, 364

Resources, use, effect of diagnostic mix, 650
Respirators, mechanical, as source of infection, 1006
Respiratory care, cost-effectiveness, 433
Respiratory function laboratories *see* Laboratories, respiratory function
Respiratory syncytial virus infection, infants' ward, 522
Respiratory therapy, unit dose dispensing, 419
Resuscitation, training, 901
Resuscitation unit, mobile, Frenchay Hospital, Bristol, 1059
Rheumatism departments, social work, 440
Rheumatism patients, out-patient surgery, Hammersmith Hospital, 1669
Rooming-in, 142
Rosenburg Psychiatric Centre, The Hague, design, 1240
Royal Cornwall Infirmary, history, 768
Royal Free Hospital, London, haemodialysis, for children, 1644
  medical records, electronic data processing, 831
Royal Hobart Hospital, triage area, for newly admitted acutely ill patients, 1044
Royal Victoria Hospital, Montreal, terminal care, 1762
Royal Victoria Infirmary, Newcastle-upon-Tyne, programmed investigation unit, 1641
Rural areas, casualty services, Indiana, 432
  community mental health centres, Price, Utah, 145
  health services by hospital, Virginia, 926
  mental health services, 606
Rural hospitals, France, value of, 4
Russia, casualty services, 1356

Safety, 78, 1000
  committee, 870
  devices, in anaesthesia, 886
  electrical *see* Electrical safety
  of electrosurgical equipment, 1486
  measures, medical gases, 1339
    St. Elizabeth's Hospital, Chicago, Ill., 1316
  services, Leiden University Hospital, 1338
  of staff, 553
  training, 1104
St. Anthony's Hospital, Cheam, 161
St. Bernard Hospital, Chicago, 3
St. Blazey Hospital, unit for handicapped children, 907
St. Francis Hospital, Dulwich, Hamlet House, for the younger chronic sick, 169
St. Gallen Cantonal Hospital, design of new block, 779
St. George's Hospital, Lincoln, younger disabled unit, 464
Saint John's Hospital, Bruges, design, 316
St. Maria Hospital, Visp, Switzerland, design, 9
St. Mary's Health Center, St. Louis, mobile health centre, 1651
Saline solution vials, as source of Pseudomonas infection, 230
Salmonella heidelberg infection, in children's departments, 1326
Salmonella infections, in children's departments, 231
Salmonella oslo infection, 1002
Sanitary equipment, in patients' rooms, 1251
Sanitary installations, 1397
  cleaning, by contract, 1460
Scalpels, number used and wound infection, 863
Schaffhausen Cantonal Hospital, design, 1237
Schools, in hospitals, 435
Screening, on admission, evaluation, 1474, 1758
Secure units, psychiatric hospitals, 1813
Security, 833
  in electronic data processing, 988
  services, in hospitals, Canada, 1147, 1594
Sepsis, continuous positive airway pressure system as source, 1465
Serratia marcescens infection, 1324
  in children, 234
  gentamicin-resistant, 854
  prevention, 1747
Service centres, 819
Seton Medical Center, Austin, Tex., maternity department design, 320
Sexual problems clinic, Warneford Hospital, Oxford, 1498
Shared services, 1297
  Canada, 366
  catering, 1596
  electronic data processing, in accounting, British Columbia, 378
  Quebec, 1297
Shock rooms, design, 948
Signposting, 'Teleroute' system, 176
Sir Ludwig Guttman Hostel, Stoke Mandeville Hospital, 138
Sisters, newly appointed, orientation, 809
Site, of geriatric hospitals, selection, 1805
  inner city, feasibility, 3
Skin, bacteria, 76
    dispersal, 1005, 1327
  disinfection, 76
Slotervaart Medical Centre, staff residential accommodation, design, 466
Small hospitals, adverse drug reaction monitoring, 893
  closure, factors influencing, 772
  management, by contract, 813, 815
  pharmacies, 1345, 1627
  work study, 497
Smallpox hospitals, air-conditioning, 956
Smoke control, 1014
Smoking, ban, Scarborough Centenary Hospital, Toronto, 393
  control, in Texas hospitals, 302
Social work, 1761
  after-hours service, 1615
  departments, management by objectives, 1616
  in paraplegic hospitals, Centro Nacional de Paraplejicos, Toledo, 1341
  records, 1019
  in rheumatism departments, 440
Social workers, 1761
  in geriatric care, 1210
  information systems, 1614
  role, in out-patient care, 1617
    in psychiatric emergency admissions, 1372
  training, in community mental health centres, 602
    interdisciplinary course with nurses, 1572
  Western Germany, 877
Sociology, medical, 767
Solothurn City Hospital, design, 163
Spain, hospitals, 456
'Special' hospitals, Great Britain, patients, characteristics, 1673
Specialists, medical, registration, criticized, 633
Speech therapy services, Southampton, 914
Spinal injuries patients hostel, Stoke Mandeville Hospital, 138
Sputum cytology services, 99
Staff, *see also* Special classes of staff, e.g. Nurses
  absenteeism, Western Germany, 1401
  accidents, 389
  appraisal, 1265, 1547
  attitudes, towards electronic data processing, 661
  Australia antigen in, 524
  budgeting, electronic data processing, 334
  canteens, Lukas Hospital, Apeldoorn, 1741
  cloakrooms, design, Nimes Regional Hospital Centre, 941
  coronary care units, 915
  dining-rooms, Halmstad County Hospital, 1533
    King's College Hospital, London, 14
  foreign, English lessons, 18
  halothane abuse, 1268
  health, 1551
  health risks, protection against, 1705
  health services, 190, 798
    preventive, 339
  hepatitis, 516
    prevention, 191, 518
  immunization, 1705
    Italy, 341
  intensive care units, stress, 1645
  Italy, 473
  job description, 796
  job evaluation, 1719

Staff, job satisfaction, in long-stay hospitals, 745
under male or female leaders, 961
location systems, 1393
management, absenteeism, 630
mental health, effect of working conditions, 1404
newsletters, 965
non-English speaking, assistance to, 1172
operating theatres, hours of duty, 10-hour day, 884
part-time, advantages and disadvantages, 335
participation in management, 1427
performance evaluation, 189
physical fitness, 23
planning, 333
prevention of stress, 477
protection against infectious diseases, 532
recruitment, labour market survey, 1546
relations, 1266
Belgium, 964
Canada, 336
Netherlands, 17
United States, 337, 474
legal aspects, 1402
relationships with patients, 701
residential accommodation, Slotervaart Medical Centre, 466
respect for patients, 1265
safety, 553, 1551
salaries, inflation, 187
scheduling, mathematical models, 963
skin, as source of bacteria, 1005
structure and co-operation, Schleswig-Holstein, 611
training, 475
audiovisual aids, 1549
centre, South East Tennessee, 1105
closed circuit television, 476
continuing, 19
France, 20, 1702
co-ordinating committee, 628
course design, 797
electronic data processing, in patient monitoring, 425
flexibility, 1550
Italy, 473
regarding alcoholism, 338
in resuscitation, 901
United States, 1701
for wartime role, 390
tuberculosis control, 340
turnover, and hospital infection, 1162
working conditions, 1267
Staffing, needs, estimation, 1103
Standardization, in ambulance services, Norway, 247
Standards, libraries, 44, 943, 1591
Staphylococcal infection, in nurseries, prevention, 1009
Staphylococci, in operating suites, 228
Staphylococcus aureus, transmission, 232
resistance to antibiotics, 853
Statistics, 832
collection, accuracy, 1592
Canada, 664
electronic data processing, Nordic countries, 1447
United States, quality control, 992
England and Wales, 47
in geriatric planning, 913
Ormskirk Health District, 1446
for management, 376, 1289, 1290, 1291, 1292
Sterile supplies, distribution, Charing Cross Hospital, 1337
Sterilization, 1472
of anaesthetic equipment, 540
efficacy of, 867
of endoscopes, 239
by ethylene oxide, safety measures, 388, 539
by gases, 1334
of heat-sensitive items, 237
low-temperature steam and formaldehyde problems, 1756
monitoring standards, 1335
in ophthalmology hospitals, 694
quality control, 691
training, for engineers, 693
Sterilizers, routine testing, 692
Stock, determining optimal quantities, 672
Stoke Mandeville Hospital, hostel for long-stay patients, 138
Stoma patients, care, 565
Stores, financial aspects, 998
management, 673
Stretcher, Ferno-Washington, 472
Stroke patients, rehabilitation, involvement of relatives, 1515
Stroke unit, Sunnybrook Medical Centre, Toronto, 723
Strong Memorial Hospital, Rochester, N.Y., diagnostic X-ray department, design, 1238
Student nurses, assessment, Bedford General Hospital, 806
wastage, United States, 357
Sundsvall Hospital, design, 167, 168
electronic data processing, 217
interior decoration, 183
Sunnybrook Medical Centre, Toronto, long-stay department, interior design, 184
regional trauma unit, 1506
stroke unit, 723
Supervisors, male or female, subordinates' views, 961
Supplies, capital equipping, 1739
classification by value, for purchasing, 380
control, electronic data processing, 1453
distribution, decentralized system, 501
material supply cabinet, 671
trolley system, 842
management, 1317
Surgery, out-patient, 289, 1518
centres for, design, 172
for gynaecology patients, 593
Hammersmith Hospital, 1669
hospital-based versus free-standing, 286
pre-operative assessment, 441
Presbyterian Hospital, Dallas, 287, 288
Western General Hospital, Edinburgh, 1517
Surgical appliances, ordering, 1451
Surgical audit, Hope Hospital, Salford, 1807
Surgical departments, hospital, infection, 1602
team nursing, Brompton Hospital, 1021
Surgical dressings, information service, 186
ready-made, 1545
Surgical instruments, information service, 186
sterilization, assessment by radioactive traces, 77
Surgical knives, bacterial contamination, 526
Surgical masks, efficiency, 236, 862
Surgical patients, care, 807, 1181
early discharge, Edinburgh, 1517
early social assessment, to reduce length of stay, 983
pre-operative education, 1212
pre-operative visits, by nurses, 1516
by operating theatre nurses, 1361
scheduling, simulation model, 1668
Surgical practice, evaluation, 1067
Surgical wound infection *see* Wound infection
Sursee Hospital, Lucerne, design, 778
Sutures, comparison of types, 233
Sweden, maternity services, 1283
rehabilitation, 900
Switzerland, geriatric services, 589
hospital services, regionalization, 1228
Systems analysis, of geriatric services, 133

Tasmania, health services, 2
Tayside master patient index, 1309
Teaching hospitals, laboratories, 422
Team nursing *see* Nursing, team
Technicians, biomedical, status, Austria, 1284
Tegodor, as floor disinfectant, 1753
Telecommunications, 1097
Telephone systems, internal, 1244
Television, closed circuit, in staff training, 476
for transmitting prescriptions to pharmacy, 97
for patient information, 704
in patients' rooms, 1241
Terminal care, 545, 1619, 1620
of cancer patients, psychosocial aspects, 1065
Royal Victoria Hospital, Montreal, 1762

Thalossotherapy centre, Knokke-Heist, 1353
Theft, from pharmacies, 550
Therapeutic communities, nurses, 1120
Thermometers, disposable, 794
Thoracic medicine specialists, future needs, 635
TIMED system, of drug control, 260
Toilet facilities, geriatric patients, 1252
Toilets, hygiene, 859
Token economy schemes, for psychiatric patients, 148, 1072, 1224
Tolworth Hospital, geriatric department, 744
Toronto General Hospital, Rape Crisis Centre, 115
Transplantation, in children, psychological aspects, 585
Transport, of critically ill children, by helicopter, Ohio, 1060
  of emergency patients, by helicopter, 544
  internal, automated, 791
    Hvidovre Hospital, 1539
    hygiene, 470
    simulation model, 328
  of laboratory specimens, gravity system, 100
  messenger service, Torbay Health District, 325
  overhead, between buildings, 953
  of patients, voluntary hospital car service, 543
  of psychiatric patients, 294
Transvaal Memorial Hospital for Children, Johannesburg, child abuse unit, 583
Trauma units, Sunnybrook Medical Centre, Toronto, 1506
Treatment rooms, centralized, West Suffolk Hospital, 8
Triage area, intensive care unit, Royal Hobart Hospital, 1044
Trondheim Regional Hospital, children's department, design, 318
Trustees, United States, 818
  medical staff as, United States, 1555, 1556
Tuberculosis, in children's department, medical staff as source, 386
  control, in staff, 340
  hospitals, Western Germany, statistics, 130
  in laboratory staff, 683
  treatment in general hospitals, 739
    Arizona, 581
Typewriters, magnetic tape, use, 1442
Typing pools, work study, 372

Ultraviolet lamps for disinfection, 1331
Unit dose dispensing, 417
  Canada, 1632
  Central Newfoundland Hospital, 263
  costs, of centralized and decentralized systems, 717
  electronic data processing, 264
    costs, 420
  errors in, 418
  Grace Hospital, Winnipeg, 1033
  loss of drugs in, 421
  of methadone, in treatment of drug addiction, 894
  packaging, nurses' attitudes, 718
  and prevention of hospital infection, 1772
  regional system, 1492
  for respiratory therapy, 419
  St. Joseph's Hospital, Toronto, 1032
  staffing levels, in centralized and decentralized systems, 717
  system design and implementation, 1348
  use for adults and children compared, 262
Unit managers, job satisfaction, 1106
United States, health insurance, administrative costs, 995
  health services, compared with Great Britain, 1226
    co-ordination, 814
    microeconometric models, 211
  hospital services, future trends, 925
  psychiatric hospitals, future role, 597
  psychiatric services, history, 1814
University College Hospital, history, 1081
University Hospital, London, Ont., 1381
Urinary tract infection, 1324
  prevention, 1325
Urology, departments, infection, prevention, 1008
  staff and bed needs, Great Britain, 1707
Utilization review *see* Bed use, review

Vaccination, of staff, Italy, 341
Vacuum transport system for soiled linen and waste, 1011
Val-de-Grâce Hospital, Paris, 461
Ventilation, *see also* Air-conditioning
  and infection, 331
Vichy Hospital Centre, laundry, 384
Vilvoorde Medical and Surgical Institute, Belgium, 1382
Voluntary workers, hospital car service, 543
  hospitals, for the mentally handicapped, 1366
  psychiatric hospitals, 1366
    'case aides', 601
      Napsbury Hospital, 763
  Rape Crisis Centre, Toronto, General Hospital, 115
  students in psychiatric and mental handicap hospitals, code of conduct, 1522

Wairu Hospital, Blenheim, N.Z., ward block, design, 1688
Waiting lists, economic aspects, 1437
Waiting times, casualty departments, 578
  out-patient departments, 39
Walking frame with hoist, 471
Walls, exterior, fibreglass-reinforced plastic panels, 175
Walton Hospital, Liverpool, out-patient surgery, 592
Wards, *see also* Patients' rooms
  budgetary control, by ward teams, Westminster Hospital, 1736
  design, 174, 1094
    history, 174
  geriatric, design, 1693
  locked, in psychiatric hospitals, Maudsley Hospital, 598
  management, research, Wessex Region, 1180
  organization, experiment in patient assignment, 88
  thermal comfort, 1541
Warneford Hospital, Oxford, sexual problems clinic, 1498
Warri Hospital, Nigeria, design, 1390
Washrooms, hygiene, 859
Waste *see* Refuse
Water, consumption, estimation, 1396
  as source of *Mycobacterium kansasii*, 858
Weinfelden, long-stay nursing home, design, 786
Weinsberg Psychiatric Hospital, supporting facilities, 1376
Weiss Institute, Philadelphia Geriatric Center, 279
Wellington Hospital, New Zealand, catering, 505
West Middlesex Hospital, community obstetric project, 442
  maternity services, 443
West Pennsylvania Blue Cross, 53
West Suffolk Hospital, central treatment areas, 8
Western Germany, children's hospitals, history, 582
Wheelchairs, 1263
Wilmington (Del.) Medical Center, casualty department, design, 949
Withington Hospital, Manchester, history, 455
Wissembourg Hospital Centre, design, 777
Women, separate hospitals for, need for, 303
Work study, diagnostic X-ray departments, 1780
  house officers, Royal Adelaide Hospital, 966
  nurses, 1117
  out-patient departments, follow-up study, 1654
  small hospitals, 497
  in typing pools, 372
Wound infection, 69, 1333, 1602
  prevention, 865
    effectiveness of plastic skin and wound drapes, 1608
    isolators, 1755
    and number of scalpels used, 863
  role of antibiotics, 831
  sources, 1471
  surgical knives as source, 526

X-ray *see* Diagnostic X-ray

Zonnehuis Foundation, nursing home, Amstelveen, design, 11
Zuyder Waert nursing home, Heerhugowaart, design, 787

AUTHOR INDEX

The reference is to the abstract number, not to the page

Abel, P. M. 636
Abel-Smith, B. 979
Adam, D. 652
Adam, E. E. 1740
Adams, M. A. 1661
Addington, W. W. 1307
Addison, J. P. 180
Adolphus, P. 723
Aert, J. H. van 367, 1677
Agde, G. 665
Ahuja, H. 805
Aiken, L. H. 1574
Ailshie, G. E. 571
Ainlay, G. 1265
Aisner, J. 1004
Albin, S. 127
Albrecht, J. 685
Albrechtsen, E. H. 1600
Alder, V. G. 239
Alderson, M. 448, 1064, 1730
Aldrete, J. A. 402
Al-Dujaili, A. H. 70
Alegente, G. 1324
Alenta, H. P. 406
Alexander, W. D. 214
Alford, R. R. 1
Alix, G. 339
Allen, E. R. 559
Allen, R. W. 1086
Alm, E. 167
Alvarez, H. 1646
Amacker, P .A. 1772
Ambrose, M. W. 110
American Academy of Pediatrics 132
American Association of Colleges of Pharmacy 1487
American College of Emergency Physicians 1655
American College of Nursing Home Administrators 1211
American Health Care Association 555
American Hospital Association 243, 337, 497, 1150, 1582, 1596
American Pharmaceutical Association 555
American Society for Hospital Food Service Administrators 1598
American Society of Hospital Pharmacists 555
American Society of Plumbing Engineers 1396
Amman, L. 1245
Ammer, D. S. 379, 380, 670, 672, 841, 996
Anderes, R. von 485
Anderson, D. L. 1350
Anderson, M. 1479
Andrews, C. T. 768
Andriole, V. T. 1163
Anjou, L. 40
Annas, G. J. 1177
Anton, C. J. 667
Appel, F. A. 1017
Applegate, W. R. 722
Appleyard, W. J. 479
Arcadio, F. 274
Armstrong, D. 1002
Armstrong, G. 220
Armstrong, J. 1833
Armstrong, P. A. 1097
Arndt, C. 486
Arrington, D. M. 262
Arthur, L. J. H. 1511
Arthurson, J. 966
Ashby, D. M. 887
Ashley, J. S. A. 1707, 1830
Ashworth, P. 1275
Association of Anaesthetists of Great Britain and Ireland 886
Association des Hôpitaux de la Province de Québec 736
Association Française de l'Éclairage 178
Atlung, G. 772
Aurousseau, P. 315, 617, 938
Ayliffe, G. A. J. 1754, 1756

Baarle, A. J. van 1246
Babb, J. R. 1468
Babcock, J. B. 1164
Bach, M. 1734
Baderschneider, E. R. 1402
Bahr, R. T. 1121
Baider, L. 548
Bailey, J. T. 487
Bailey, P. V. 256
Bain, H. W. 114
Baird, R. M. 856, 1604
Bajnok, I. 350
Baker, A. A. 1223
Baker, K. R. 963
Bakker, P. G. H. 793
Baldwin, S. M. 1020
Balestrieri, M. 476
Ballentine, R. 1768
Ballinger, B. R. 95
Balog, J. 773
Bancroft, J. 1498
Bank, R. 607
Banner, M. T. 329
Barber, B. 1438
Barclay, R. 828
Barker, E. G. 1639
Barker, L. F. 716
Barker, P. 295
Barkley, A. L. 1826
Barnard, H. F. 719
Barnett, G. O. 1206, 1302
Baro, F. 1816
Barrowclough, F. 1693
Barry, D. 1313
Bartlett, M. H. 1173
Bartlett, R. C. 105
Bartol, K. M. 961
Baruch, G. 144
Bashshur, R. L. 1097
Baskett, P. J. F. 901, 1059
Bates, E. M. 477, 481
Bates, M. M. 370
Bates, T. 983
Batty, G. R. 417
Bauer, A. 909
Bauer, E. P. 1346
Bauhofer, P. 786
Baulig, H.-G. 1330
Baumgarten, J. 1401
Baumgarten, S. 509
Baunach, 1706
Baxter, G. N. 1123
Beanland, W. A. 98
Beaton-Mamak, M. 1458, 1549
Beavan, A. J. 56
Beck, C. H. 1481
Becker, A. 764
Becker, D. P. 1048
Been, C. 1166
Beer-Gabel, M. 1289
Behrmann, W. 1721
Békésy, Z. 847
Belfield, A. 898
Bendix, R. 1625
Benefiel, L. A. 954
Benfari, M. J. 1775
Bengtsson, S. 1144
Bennett, A. C. 1719
Bennett, A. E. 304
Benson, D. 496
Benson, F. S. 999
Bérard, L. 1319
Berbatis, C. G. 1490
Berbee, G. A. M. 69
Berg, V. G. 219
Berglund, K. 873
Bergman, R. 28, 1417
Berkeley, J. S. 1225, 1343
Bernacki, E. J. 1205
Berquist, R. E. 1634
Berris, B. 478
Berry, A. F. E. 1623
Bertsch, E. F. 597
Beske, F. 611
Besmer, H. 9
Beswick, F. J. 1465
Bevilacqua, C. 776, 1359
Bewley, T. 300
Bhargava, B. 1653
Bice, T. W. 1738
Bigelow, D. A. 599
Bihldorff, J. P. 707
Billion, M. 1049
Bini, V. 1692
Bion, G. 1257
Bion, J. 1537
Biörck, G. 1664
Bischofberger, P. 1228
Bisdee, C. H. 276
Bishop, R. F. 523
Blackburn, J. L. 358
Blain, G. 34, 209
Blair, P. 303
Blair, R. D. 995
Blaive, P. 311
Blalack, R. O. 1106
Blanie, P. 412
Blanpain, R. 964
Blaxter, M. 1178
Blewett, P. B. 1381
Bliss, A. A. 646
Bliss, E. L. 1676
Block, J. A. 573
Block, R. T. 653
Bluestone, N. 190
Blumenson, L. E. 1667
Bobrow, M. L. 156, 947
Boccadoro, S. 1331
Boddy, F. A. 1392
Bodman, H. A. 1154
Boerman, A. J. 446
Bohan, D. 1308
Boisgelot, L. 1251
Boles, E. T. 1060
Bolliger, R. 1274
Bonjean, C. M. 1574
Bonal, J. 1770
Bonnet, P. D. 1052
Bonnici, B. 359
Bootman, J. L. 888
Bopp, S. W. 574
Borotra, D. 1258
Borovik, E. B. 331
Borup, A. 312
Bosanac, E. M. 1681
Bösel, K. 1079
Bottari, G. 769
Bottelli, G. 228
Botzenhart, K. 470, 1098
Boudry, M. R. 1495
Boulton, C. 711
Bourgeois, M. 1047
Bourne, A. 50
Bourne, S. 803
Bowen, P. G. 543
Bowie, J. 1302

Bowman, M. 1710
Boyer, J. M. 474
Boyle, C. M. 898
Bradley, V. J. 1811
Bradshaw, G. 758
Braga, A. 229
Bragg, D. J. 181
Brain, M. C. 1191
Brandecker, K. 611
Brandejs, J. F. 1304
Branson, J. C. 1159
Branthwaite, M. A. 1465
Braunstein, M. L. 1488
Braxton, O. A. 753
Brede, E. 467
Breheny, J. E. 595
Brengandé, B. J. 172
Breslin, J. 1318
Bricknell, J. G. 135
Brioscú, A. 1386
Brislen, W. 794
British Association of Paediatric Surgeons 741
British Cardiac Society 118
British Geriatrics Society 588
British Institute of Radiology 424
British Paediatric Association 741
British Standards Institution 332, 795, 1247, 1398, 1459
Britt, M. R. 1462
Britton, M. G. 635
Brocklehurst, J. C. 437
Brodheim, E. 108, 1041
Brodie, D. C. 1189
Brodie, J. 1034
Brodman, E. 1443
Brody, E. M. 279
Brody, S. J. 1713
Brooks, G. E. 258
Brooks, R. A. 12
Bross, I. D. J. 1667
Bröte, L. 1471
Brown, B. J. 1112
Brown, D. E. 29
Brown, F. 18
Brown, M. 813, 1286, 1578
Brown, M. C. 1590
Brown, N. E. 226
Brown, W. 68
Brown, W. R. L. 856
Brownfield, R. L. 1493
Bruce, D. A. 700
Bruckenberger, E. 612
Bruggen, P. 303
Brulin, R. 1024
Brunier, J. 1261, 1609
Bryan, J. A. 518
Buchan, J. R. 189
Buckley-Sharp, M. D. 1039, 1040
Buckman, M. J. 972
Buhaug, H. 1589
Bullough, B. 26, 1118
Bulpitt, C. J. 990
Bunch, A. J. 374
Burdick, D. 1088
Burdin, Ph. 75
Bureau, J. 398, 1545
Burgun, J. A. 945
Burkhart, V. P. 717
Burney, R. E. 575
Burrough, E. J. R. 922
Burton, G. G. 433
Bush, V. 140
Bushill, G. C. 952
Butler, R. J. 643
Buttrey, P. J. 298
Byrne, R. J. 1651

Cabanis, E.-A. 109
Cabrera, H. A. 230
Cain, A. R. R. 436
Caldart, L. 278
Calder, G. 94
Calman, K. C. 547
Calnan, J. 1669
Camenen, F.-X. 1735
Cameron, J. McL. 1708
Canadian Hospital Association 736
Candille, M. 978
Cannings, K. 483
Capurro, H. 142
Caramello, S. 72
Carbonelle, B. 683
Cardoni, A. A. 96
Carlsson, S. 40
Carmel, M. J. 44
Carr, A. J. 1567
Carr, R. 1739
Carren, D. M. 43
Carroll, P. J. 481
Carter, F. 1783
Carter, J. 1800
Carter, P. M. 103
Castadot, R. G. 453
Castaing, J. 75
Castellarin, G. 389
Castle, C. H. 1648
Central Sterilising Club 1472
Cerruti, N. L. 1557
Cettour-Baron, G. 1658
Chackett, K. F. 1470
Chadwick, M. V. 1465
Challand, G. S. 1194
Champion, J. M. 1380
Chapman, C. 203
Chapman, C. M. 1107, 1569
Chapman, H. H. 378
Chapman, J. E. 878
Chapuis, R. 1260
Charns, M. P. 1287
Chattin, J. A. 476
Chewick, S. 686
Cheyovich, T. K. 1204
Chiarulli, D. 817
Chilard, C. 54
Chistoni, G.-C. 46
Chmel, H. 1002
Chorba, R. W. 1139
Christer, A. H. 958
Christian, W. 130
Christie, L. S. 444, 1809
Christopherson, K. I. 1500
Chung, E. K. 568
City University. Graduate Business Centre 1424
Clapp, M. A. 932
Clark, B. B. 1709
Clark, C. 661
Clark, C. H. 506
Clarke, J. A. 1670
Clarke, M. 1214, 1280
Claudi, G. 473
Claus, K. E. 487
Cleland, V. 1111
Clemence, E. 1455
Clement, J. M. 1259
Cleverley, W. O. 499, 1448
Cluff, L. E. 408
Coarse, J. F. 1631
Coates, D. B. 977
Cobb, L. A. 1646
Cochrane, D. F. 1059
Coggeshall, J. H. 474
Cole, L. 737
Coles, E. C. 1636
Coles, J. 97, 1736
Coles, L. 1498
Collin, J. 530
Collingwood, J. 1707
Collins, G. E. 892
Collins, J. V. 635
Collins, M. E. 509
Collins, R. B. 1606
Colombo, S. 1245
Connon, A. 1480
Conway, H. 1793
Cook, H. S. 960
Coombs, R. M. 623
Cooper, B. S. 1434
Cooper, J. A. 1203
Cooper, J. E. 1018
Cooper, J. K. 1478
Cooperman, A. M. 863
Corey, L. 520
Cormack, D. 356, 1714
Cowen, J. B. 1649
Cowper-Smith, F. 161
Cox, C. A. 443
Cox, R. H. 500
Cozin, L. Z. 1061
Craddock, F. G. 141
Craft, A. 758
Craft, M. 758
Craig, D. B. 238
Craig, I. M. 92
Cram, D. L. 738
Crane, L. M. 401
Craven, P. C. 1326
Crawford, A. R. 903
Crawford, J. S. 596
Criley, J. M. 571
Cripps, N. 1756
Crockett, A. 266
Crompton, G. K. 391
Crompton, H. M. 1708
Crooks, J. 1031
Crowder, D. M. 1719
Crowe, W. R. 673
Crump, C. K. 351
Cullen, D. J. 1201
Cullis, J. G. 1437
Culyer, A. J. 1437
Cumming, P. D. 1638
Cunningham, R. M. 818
Cursley, V. F. 1378
Curtis, W. R. 1524

Daddi, I. 155
D'Agnolo Vallan, F. 1683
Dagnone, L. E. 1792
Dague, J. 212
Dahan, J. 1042
D'Amico, G. 861
Dandoy, S. 581
Daniel, D. 245
Daniel, W. A. 1654
Danielsen, E. 150
Dankert, J. 538
D'Arcy, C. 1815
Darrell, J. H. 531
Dartington, T. 1822
Daschner, F. 234
Datel, W. E. 1221
Daubos, P. 941
David, B. D. 675
Davies, C. 1561
Davies, D. M. 1184
Davies, G. H. 38
Davis, H. J. 1106
Davis, J. R. 57
Davis, K. 908
Davis, R. 1405
Davison, A. 1736
Dean, J. 1647
Deasy, L. C. 761
Deberry, P. 556
Declercq, G. 362
Deen, J. R. 32
Degardin, C. 210
Degeorges, M. 1049
Dehlin, O. 912
Dehner, G. F. 100
Delage, J. 1827

Delbanco, T. L. 1617
Delesie, L. 1816
Delforge, J. 4
Deme, L. 783
Dempster, G. 687
Denton, L. R. 1824
Derewicz, H. J. 262, 264
Derman, C. 108
Despotopoulos, J. G. 1685
Deverill, C. E. A. 1756
Devolfe, R. 274
Diamond, A. W. 1059
Diamond, N. J. 734
Diaz Rossello, J. L. 142
Dickerson, J. W. T. 1744
Diesfeldt, H. F. A. 202
Dietrich, G. 1120
Dijkman, F. 1782
Dijl, P. W. van 1742
Dineen, P. 235
Dinel, B. A. 1026
Dingremont, P. 4
DiPirro, M. N. 259
Dixon, R. E. 518
Doctor, B. 1745
Dodds, M. 637
Dodt, B. 71
Doherty, N. J. G. 1666
Donaldson, M. S. 710
Doncieux, J. 67
Dones 349
Donovan, H. M. 641
Doran, B. 73
Dorney, D. 62
Dow, J. T. 759
Dowell, R. J. 177
Drake, M. A. 230
Drake, M. V. 988
Drake, R. L. 60
Draper, F. W. 1704
Drozda, W. 1171
Drue, R. H. 1160
Drumm, P. 30
Ducel, G. 1334, 1772
Dugas, J. E. 96
Dunham, M. 1835
Dunkelberg, H. 857
Dunkin, E. N. 271
Dunn, A. 15
Dupin, H. 843
Durbridge, T. C. 1474, 1758
Durrant, B. W. 1825
Dussy, R. 1096
Dyer, L. E. 490
Dyson, R. 1548

Eason, R. J. 1218
Eastwood, M. R. 766, 1818
Edelmeyer, H. 1330
Edinburgh University. Centre for Industrial Consultancy and Liaison 699
Edwards, A. H. 445
Edwards, A. K. 180
Edwards, G. 455
Egeland, T. 85
Eichhorn, S. 1087
Eitzen, H. E. 526
Elburg, H. W. van 1665
Ellefsen, T. 16
Elliott, J. R. 136
Ellis, C. 1124
Ellis-Martin, K. G. 831
Ellrich, M. 791
Elzinga, E. 1445, 1766
Emerton, A. C. 1110
Emond, R. T. D. 515, 1794
Engquist, B. H. 551
Enlander, D. 897
Epstein, J. D. 1313
Eriksen, K. R. 1607
Ermann, M. D. 1678
Evans, W. E. 716
Everall, P. H. 691
Everest, P. 1406
Ewell, C. M. 1294, 1579
Exton-Smith, A. N. 590
Exton-Smith, J. 806
Eyskens, M. 363

Fair, J. S. 336
Falick, J. 1088, 1090
Fankhauser, W. L. 513
Fanshel, S. 133
Faraone, P. 228
Farmer, J. J. 1747
Farris, R. L. 753
Farrow, S. C. 911
Faurby, V. 1028
Favero, M. S. 521
Fayard, D. 845
Fedak, M. 289
Feldmann, H. 352
Felis, W. 1344
Feltesse, H. 210
Felton, G. 1516
Ferderber, C. J. 41
Ferguson, C. 1729
Ferguson, M. C. 1408
Ferrucci, M. 231
Ferster, G. 1519
Fetter, R. B. 650
Ficheroulle, P. 564
Filip, W. 1153
Fink, W. R. 826
Finlayson, H. 1278
Fischer, M. V. 323
Fischmann, G. S. 241
Fisher, R. A. 750
Fitzgerald, R. H. 865
Fitzmaurice, M. 449
Fitzpatrick, T. B. 991
Flaa, A. 319
Flanagan, J. J. 1228, 1379
Flatheim, G. 327
Fleisher, D. S. 1483
Flesher, D. L. 1314
Fletcher, S. W. 1208
Floros, C. 1529
Flynn, B. C. 346
Flynn, M. M. 534
Follis, P. 454
Fontana, V. J. 1510
Ford, M. 1648
Forrest, I. 637
Forssbeck, B. 390
Forsythe, M. 480, 835
Fortin, F. 1212
Foster, J. T. 653
Foster, M. 1337
Fottrell, E. 301
Frakes, E. M. 223
Franklin, J. L. 293
Frantzreb, A. C. 649
Fraser, D. 356, 1224
Fraser, I. 78
Fredrickson, J. W. 735
Fredslund, J. 204
Freeman, A. M. 722
Freeman, J. W. 1044
Freiberg, L. 1141
Freidson, E. 1127
Frenay, E. 1293
French, M. L. V. 526
Fried, C. 924
Friedberg, D. Z. 278
Frieden, J. 1203
Frith, R. 372
Fry, R. E. 250
Fryers, T. 1817
Fullerton, A. G. 757
Fulton, A. 111
Furbank, M. E. 1016
Furey, W. W. 739
Furth, R. van 69
Füsgen, I. 438, 824

Gaag, J. van der 1587
Gabrielson, R. C. 1560
Galanter, R. 1803
Galbraith, A. L. 508
Galvagni, W. 1148
Ganti, A. R. 1821
Garas, R. H. 24
Gardner, P. 532
Garner, D. D. 411
Garon, G. 919
Garrison, T. J. 893
Garside, D. 1283
Gauntlett, T. 1522
Gaus, C. R. 1434
Gauthe, G. 4
Gavin, T. L. 864
Gaya, H. 537
Gebhardt, M. 1301
Gedde-Dahl, D. 811
Geertsen, H. R. 1648
Geissel, V. 1133
Geller, N. L. 594
Gelson, A. D. N. 1502
Gennaro, W. D. 1634
Gephart, D. 1229
Gerson, L. W. 396, 1623
Gertz, B. 606
Ghent, W. R. 1792
Giacoia, E. B. 289
Gibbons, S. A. 268, 692
Gibson, G. L. 1603
Gibson, M. S. 340
Gigli, S. C. 1233
Gilbert, J. R. 1768
Gilbert, R. N. 1737
Gillespie, E. H. 268
Giranzani, F. 229
Giroux, F. 1147, 1594
Gitlin, J. N. 1352
Glaeser, D. H. 725
Glass, R. I. 1724
Glode, M. P. 684
Godfrey, R. C. 55
Golaz, A. 170, 1255
Goldberg, A. 1188
Goldie, S. 1677
Goldin, G. 174
Goldman, J. M. 1750
Goldstein, B. D. 1626
Gomph, B. 1360
Gonnella, J. S. 732
Gonser, D. I. 1486
Gooch, J. J. 1605
Goodwin, P. 1718
Gordon, G. R. 752
Gordon, S. 524
Goronzy, D. W. 1105
Gosfield, A. 251
Göthe, C.-J. 1624
Gourji, A. 1507
Gourlay, J. R. 1547
Graf, C. 929
Gräf, W. 852
Graham, L. 723
Grandjean, B. D. 1574
Granfield, M. E. 364
Grant, G. W. B. 1529, 1832
Grant, I. W. B. 391
Grant, J. 265
Grant, J. A. 421
Gray, J. A. M. 270
Great Britain. Central Health Services Council 1340
Great Britain. Department of Health and Social Security 923, 1235, 1397, 1812

Green, A. C. 946
Green, A. E. 1633
Green, J. R. B. 615
Green, L. W. 1475
Green, M. 1507
Green, R. 1446
Green, R. H. 1037
Green, W. 394
Greenburg, A. G. 425
Greene, R. 1622
Greenfield, H. I. 1128
Greenstein, L. N. 285
Gregg, D. B. 340
Grey, C. 1773
Grief, L. 1417
Griffiths, R. A. 1061
Grimes, J. A. 1218
Grimes, R. M. 1717
Grobe, B. 972
Grootveld, E. 1782
Gros, G. W. 502
Grosser, K. 953
Grossman, S. B. 1506
Grove, S. 1441
Grubbs, J. 947
Grubmüller, J. 771
Grün, L. 1007
Grünewald, E. 1404
Gullotti, A. 1234
Gundersen, G. 1687
Gunnarson, K. 328
Guttman, E. S. 241
Guitian, J. P. 906
Guyot, J.-G. 975
Guy's Hospital 1531

Haber, S. L. 1192
Häfeli, M. 1295
Haglof, K. 1010
Hahn, T. 217
Hair, J. F. 411
Halbout, A. 985
Halbrook, B. 1443
Hale, F. A. 1229
Halevi, H. S. 1176
Hall, C. B. 522
Hall, D. 392
Hall, D. C. 1113
Hall, D. S. 1681
Hallam, R. S. 1370
Halleck, F. E. 539
Hallen, B. 1624
Halonen, R. J. 926
Halperin, W. 1435
Ham, M. V. 1677
Hamann, C. 1208
Hamfeldt, A. 217
Hamm, H. 678
Hammon, G. L. 988
Hampton, J. R. 570
Han, K. 494
Hanan, Z. I. 554
Hanau, C. 1581
Hancock, W. M. 195
Hanlon, K. G. 935
Hannan, E. 273
Hansen, R. 581
Harbottle, E. A. 1405
Hardie, M. 488, 644, 645
Hardy, O. 313
Hardy, O. B. 1089
Harechmak, J. R. 1162
Harrington, J. M. 22, 265, 799
Harris, B. H. 1060
Harris, D. M. 70, 655, 1585
Harris, R. J. 1740
Harry, J. 694
Hart, P. F. 729
Harvey, R. W. S. 562
Harvey, S. 1509
Hassanein, R. S. 1121
Hatherley, L. 595
Hattinga Verschure, J. C. M. 1679
Hauck, R. P. 934
Haussman, R. K. D. 1763
Havard, A. 999
Hawkins, W. E. 310, 1231
Hawthorne, D. D. 287, 288
Haxhe, J.-J. 74
Health Care Management Systems Inc. 430
Health and Social Service Journal 112
Hegarty, J. 207
Hegarty, W. H. 357
Hegedus, S. 65
Heggie, B. A. 1222
Hegyvary, S. T. 1763
Heimann, S. R. 1805
Heinhold, M. 1300
Heins, T. J. 765
Heinzelmann, K. 1320
Heise, J.-G. 1250
Heiser, A. 1197
Heistø, H. 1777
Heley, R. W. 1834
Hellinger, F. J. 35, 668
Helsby, R. C. 800
Hemming, V. G. 1462
Henderson, P. 844
Henkle, C. 440
Henne, W. 1237
Henney, C. 1030
Hensel, M. D. 334
Hercz, L. 104
Hergenroeder, E. 129
Hermann, P. 46
Herrick, J. D. 1285
Hershey, J. C. 27
Hess, I. 991
Hetherington, R. W. 879
Hetzel, K. R. 269
Heurlin, S. 40
Heuschneider, R. 1279
Heward, J. A. 1214
Hewitt, D. 368
Heymanns, H. A. 614
Hicks, B. C. 1666
Hicks, D. 1180
Hiestand, D. L. 1400
High, H. M. 1312
Higham, S. 747
Hill, D. B. 1135
Hill, D. W. 986, 1045
Hill, G. 1457
Hill, R. D. 1199, 1784
Hindle, A. 629
Hinks, M. D. 1172
Hinton, A. J. 969
Hirsch, J. 1217
Hirsch, R. 1041
Hirschman, C. G. 1434
Hirschowitz, R. G. 1810
Hitchcox, B. 1388
Hnatko, S. 696
Hockey, A. 143
Hocking, I. L. 1121
Hodges, G. R. 1748
Hodgson, R. 1464
Hoefnagels, K. L. J. 309
Hoeing, J. 760, 917
Hoffer, E. P. 731, 1206
Hoffman, P. 1095
Hoffmann, R. P. 887
Hofgaard, K. C. 247
Hofmann, H.-U. 1131
Hofmann, M. 1271
Hofmann, P. B. 980
Hohlin, D. 347
Hohman, J. 1596
Holahan, C. J. 1219
Holahan, J. 51
Hölken, E. 1761
Holli, B. B. 64
Holloway, D. C. 1725, 1726
Holloway, S. T. 201
Holmgren, J. H. 1152, 1155, 1454
Holsøe, E. 840
Hood, C. 1795
Hoogendoorn, L. J. A. 876
Hooper, J. K. 1629
Hoos, W. 848
Hopkins, C. E. 879
Hoppenworth, G. L. 330
Hore, B. 566
Horton, D. 378
Horwitz, J. P. 1499
Hospital International 112
House, J. le M. 1025
Housley, C. 842, 1151, 1452
Housley, C. E. 222
Howard, J. 874
Howarth, M. H. 1117
Howells, S. 1388
Huber, A. 462
Huckabay, L. M. D. 486
Hudson, C. L. 1226
Huesing, S. 1138
Hughes, A. O. 89
Huizenga, B. 875
Hunt, E. L. 1699
Hunter, K. R. 344
Hunter, L. 1485
Hurley, S. J. 1063
Hurn, R. 604
Husain, O. A. N. 141
Hutchison, R. R. 1572
Hyde, R. D. 1633

Iba-Zizen, M.-T. 109
Ibbotson, J. 1196
Ice, R. D. 269
Ilett, F. 838
Ingram, R. M. 754
Inman, F. R. 220
Innes, W. J. 706
Institute of Health Service Administrators 1270
Institute of Orthopaedics. Department of Biomedical Engineering 624
Institution of Public Health Engineers 1397
International Hospital Federation 1144
International Labour Office 197
Irvine, E. D. 1369
Irving, G. 610
Irving, M. 1807
Irwin, C. 583
Irwin, G. A. L. 1640
Isaacman, T. 1094
Isenschmid, H. 1801
Ivancevich, R. E. 1449
Iwarson, S. 191

Jacobs, A. R. 1229
Jacobs, R. M. 1550
Jacox, A. 482
Jaehn, M. 1011
Jaenisch, R. 740
James, J. D. 1488
James, W. B. 111
Janower, M. L. 1778
Jaspar, W. M. 1790
Jefferies, A. J. 33
Jefferies, L. P. 556,
Jeffrey, L. P. 552
Jenkins, A. L. 1655
Jensen, A. C. 204
Jensen, I. F. 71
Jeris, D. 1653
Johenning, P. W. 212

John, G. W. 717
Johnson, A. C. 491, 1288
Johnson, C. V. 1282
Johnson, E. A. 1432
Johnson, G. V. 1576
Johnson, I. C. 1667
Johnson, J. 1821
Johnson, J. H. 1676
Jonas, S. 1207
Jones, D. 1068
Jones, D. C. 1744
Jones, D. R. 50
Jones, D. T. 928, 1230
Jones, E. B. 471
Jones, K. 751
Jones, R. G. 179
Jones, R. L. 338
Jones, W. J. 693
Jonghe, E. de 360
Joseph, H. 1311
Joyner, H. S. 1659
Joynson, D. M. H. 562
Judd, S. L. 1712
Judkins, B. A. 1476

Kalthoff, J. L. 1322
Kaluzny, A. D. 1429
Kam, van der 202
Kan, K. 1195
Kane, I. M. 79
Kane, R. L. 1210, 1802
Kansai Institute of Information Systems 1305
Kaplan, R. S. 1564
Kapsar, P. P. 1361
Karls, J. M. 1215
Károlyi, I. 1086
Karpoff, P. 1595
Kaszap, K. 469
Katz, E. G. 324
Kaufman, T. 128
Keating, E. 1316
Kecmanovic, D. 451
Kedward, H. B. 766, 1818, 1829
Keesee, M. A. 1093
Kelly, W. N. 259, 261
Kelman, H. R. 291
Kensett, R. G. 1540
Kensit, J. G. 1009
Kernaghan, S. G. 286
Kerr, G. 625
Kerr, H. M. 742
Kersley, H. J. 1521
Kerstell, T. 809
Kessler, M. S. 1555
Keys, P. W. 715
Khan, A. B. 899
Kilpatrick, W. 984
Kilty, J. M. 1411, 1423
Kincaid, J. W. 382
King, B. 1642
King, J. A. 146
King, R. I. 738
King Edward's Hospital Fund for London 136, 1831
Kirk, C. 663
Kirk, R. M. 1503
Kirouac, S. 1212
Kirtane, M. 671
Kiser, J. M. 730
Kiser, R. L. 730
Kittredge, L. D. 293
Kleijn, E. van der 1769
Klingler, J. 1102
Klonoff, H. 661
Klotz, R. 1347
Kluge, A. 1035
Knapp, D. A. 258
Kneist, W. 39
Knill-Jones, R. P. 21
Knoben, J. E. 1491
Knoche, K. 849
Koff, S. Z. 124
Kogan, W. S. 447
Köhler, G. 463
Kok, K. 1665
Koller, S. 1439
Komaroff, A. 1791
Komaroff, A. L. 1119
Können, E. E. 249
Konz, S. A. 513
Kopass, M. K. 1646
Korsak, A. 1701
Kothari, R. 301
Kotimsky, R. 676
Kouchoukos, N. T. 1787
Koughan, W. P. 1591
Kourouklis, A. 277
Kouroupis, G. M. 516
Kowalski, J. 1335
Kowitt, J. P. 1733
Kracke, L.-B. 819
Kradjan, W. A. 1628
Kraft, O. F. 1486
Krall, J. M. 1776
Krant, M. J. 1065
Kräwinkel, E. 1798
Krebs, R. L. 1266
Krell, G. I. 1615
Krizek, L. 470
Kuehnel, E. 525
Kuhn, R. 647
Kuipers, J. S. 1753
Kundsin, R. B. 1154
Küpers, G. R. 955
Kurtz, C. 225
Kuzdrall, P. J. 1668
Kwak, N. K. 1668

Labadie, 349
Laborde, J.-L. 109
Laborde 868
Labrecque, J. 1492
Lacassin, C. 20
Lack, J. A. 385
Ladenson, J. H. 106
Lafleur, L. 688
Laforet, E. G. 1174
Lakie, M. H. 186
Lamas López, F. 456
Lamden, R. S. 285
Lammers, L. P. 1089
Lammers, T. 1008
Lamont, G. X. 1709
Lamontagne, B. 1209
Lamy, P. P. 262, 717
Lamy-Rested, M. S. 1129
Lancaster, A. 1108
Lane, D. S. 291, 1527
Lang, G. S. 563
Lange, S. 321, 503, 616
Langley, G. E. 297
Lantos, T. 469
Lapenas, C. 569
Lapidus, B. M. 100
Larivière, R. S. 664
Larsen, J. L. 790
Larsson, G. 322
Larsson, L. 1543
Laska, E. M. 607
Laszlo, A. 104
Lathlean, J. 281
Latouche, F. 399
Laufman, H. 1315, 1484
Laurie, R. G. 1489
Laurs, P. J. H. 976
Laven, J. 1015
Laverrière, 154
Laverty, F. T. 1125
Laverty, M. R. 1125
Lavery, W. 369
Law, J. T. 1505
Lawlor, T. 1378
Lawson, J. S. 2
Lawton, L. H. 1493
Laycock, E. 393
Laycock, E. P. 1441
Lazarus, H. L. 892
Lazonick, W. 483
Lazzara, A. 1029
Leader, A. H. 1132
Leahey, M. D. 434
Le Bescond, M. 1049
Le Camus, J. 777
Lee, C. A. 66
Lee, D. H. 435
Lee, M. L. 1729
Lee-Jones, M. 663
Leeming, M. N. A. 1473
Leensma-Rehorst, L. 1665
Leers, W.-D. 516
Lees, R. E. M. 1055
Legacé, S. 1165
Lehman, E. W. 814
Leitgeb, H. 1197
Lemessany, J. 932
Lennox, M. 1159
Lenz, F. 1232
Leonard, J. C. 1357
Leonhartsberger, J. von 1197
Leopizzi, F. 770
Leopoldt, H. 450, 604
Lequy, J.-C. 314
Leroy, G. 1256
Leszkiewicz, J. 1362
Letouzé, D. 365
Lev, B. 1780
Leveson, I. 977, 1433
Levey, S. 586
Levinson, H. 1269
Levy, B. 1810
Levy, L. 452
Lewington, J. 601
Lewis, A. J. 571
Lewis, C. E. 1204
Lewis, H. L. 53
Lewis, J. 373
Lewis, M. 763
Lewis, P. 383
Lidwell, O. M. 232
Lieberman, S. L. 289
Liebowitz, B. 279
Light, M. R. 556
Lillé, K. 1779
Lilly, S. R. 910
Limbrick, P. 1366
Lin, H. W. 213
Lindberg, B. 912
Lindberg, D. A. B. 1303
Lindsay, M. I. 1504
Lindsey, J. O. 1325
Lingjärde, P. 1774
Linn, L. S. 905
Lipkin, B. S. 720
Lipkin, L. E. 720
Lipman, A. G. 1346
Lipson, S. H. 334
Littlepage, B. N. C. 1363
Liu, B.-C. 774
Llewelyn-Davies, R. 1525
Lloyd, G. 989
Long, P. 970, 1412
Long, P. K. 1746
Longe, R. L. 1630
Lorber, J. 701
Lorenzi, N. 942
Lorrang, F. 1290
Louis, D. Z. 732
Louis, M. 275
Love, B. F. 1776
Lovejoy, F. H. 275
Lowbury, E. J. L. 533
Lowe, J. 198

Lowe, J. A. 910
Lowe, M. A. 910
Löwendahl, R. 185
Lowthian, P. T. 248
Lucas, E. 1276
Lucasse, A. 1241
Luechauer, L. F. 385
Lund, S. H. 1616
Lundberg, T. 1575
Lugthart, W. F. 157
Lumley, J. 540, 1469
Lund, B. 1451
Lundh, H. 525
Lunn, J. A. 1705
Lusher, A. E. 1372
Lusk, E. J. 1805
Luterbach, E. J. 1070
Lynch, D. J. 859
Lyon, J. 59

Maas, M. 482
Mabbett, A. N. 534
McAndrew, I. 1799
McArdle, C. 214
McCabe, E. 736
McCarthy, C. 654
McCarville, M. 884
McCaslin, R. A. 703
McClain, J. O. 1586
McClendon, E. L. 458
McColl, I. 1482
McCord, J. J. 732
McCormick, W. C. 1187
McCoy, G. 676
McDaniel, H. A. 416
McDonald, C. 298, 1653
McDonald, J. 1657
McElroy, A. R. 186
McEvatt, W. 1386
McGilloway, F. A. 1418
McGray, R. J. 235
McGuire, H. 704
McIntosh, J. 1610
McIntyre, J. W. R. 257
McIntyre, N. 989
McKechnie, A. A. 1222
McKendrick, G. D. W. 515
Mackenzie, J. R. 1656
McKerrow, L. W. 1216
McKinley, M. M. 226
McLachlan, G. 1764
McLaren, R. 590
McLarty, D. G. 1194
McLauchlan, J. 1755
McLaughlin, C. R. 1425
McLaughlin, D. B. 1066
McLaughlin, H. 775, 1698
Maclean, D. E. 1570
McLeod, D. C. 413, 714, 889
McMillan, J. F. 750
Macmillan, P. 355
Macnair, I. 593
McNamara, J. J. 1507
Macniven, P. A. M. 1786
Macpherson, A. S. 765
Macpherson, E. 1034
McQuade, J. 870
Macstravic, R. E. 1355, 1650
McVittie, K. 747
Madden, D. L. 682
Madden, E. E. 1588
Mäder, D. 485
Madre, J. 299
Madsen, T. L. 1541
Magee, C. C. 669
Magee, P. E. 893
Magowan, M. 116
Mahoney, C. D. 552
Maki, D. G. 1328
Mallison, G. F. 536
Malloy, J. L. 1175
Manchester. Social Services Department 1019
Mander-Jones, T. 966
Mangold, J. H. 125
Maniar, A. C. 858
Manning, D. H. 1168
Mara, T. 1746
Marchant, E. W. 699
Margolis, E. 307
Markowich, M. M. 969
Marks, I. M. 1370
Marle, M. van 572, 904
Marmor, J. 608
Marriner, A. 87
Marsan, R. G. 920
Marshall, B. 830
Marson, S. N. 1115
Martel, R. 399
Martin, B. A. 1818
Martin, H. 593
Martin, I. 756
Martin, J.-C. 1297
Martin, J. L. 971
Martin, M. G. 114
Martini, P. F. 1239
Massachusetts General Hospital 1789
Mather, H. G. 1050
Mathers, J. 632
Matheson, L. N. 721
Matsen, J. M. 517
Matthews, A. E. B. 442
Matthews, D. E. 585
Matthews, M. E. 674
Mattox, K. L. 1058
Maxted, K. J. 468
Maxwell, D. M. 126
May, F. E. 408
Mayer, W. 1534
Maynard, J. S. E. 579
Mayo, C. E. 418
Mayr, S. 1413
Mazzola, G. 1527
Mead, T. R. 330
Mehta, J. C. 1700
Mehta, S. 549
Mehs, M. 877
Meider, J. 606
Meier-Baumgartner, H. P. 589
Meigs, J. W. 1205
Meliconi, F. 404, 1331
Mellario, J. 974
Melton, R. 677
Mendes, M. F. 859
Mendoza-Sarmiento, J. 1341
Mercer, G. 968, 1565
Merchant, R. S. 182
Merckel, W. H. 998
Merkus, Th. 80
Merlin, D. 272
Merrington, W. R. 1081
Mesel, E. 662
Message, M. 1548
Metcalfe, D. H. H. 1342, 1444
Metsch, J. M. 1662
Meyer, L. 1804
Meyer, T. C. 1173
Meyer, R. D. 354
Mikesell, L. 369
Milburn, J. 815
Milby, J. B. 148
Millard, G. 48
Miller, A. E. 1828
Miller, D. E. 259, 261
Miller, D. S. 89
Miller, E. A. 1563
Miller, M. D. 1068
Miller, M. H. 253
Miller, P. F. 1401
Miller, W. R. 1063
Millett, E. J. 1495
Milliken, G. M. 1362
Milliken, R. A. 752, 1362
Mills, E. D. 1387
Mills, R. 1731
Milner, J. 368
Milton, G. W. 642
Minaire, 1263
Mincher, R. F. 999
Minkalis, C. A. 1089
Mitchell, H. 1708
Mitchell, J. P. 239
Mitchell, M. A. 1165
Mitchell, S. 188
Mitchell, W. 639, 808, 1371
Moinard, D. 339
Molnar, I. 469
Momeny, G. 1819
Money, W. H. 813
Monico, G. 1233
Monk, I. B. 621
Monstadt, H. 1248
Montfort, A. P. W. J. van 367, 1677
Montois, H. 314
Moore, B. N. 477
Moore, G. 1368
Moore, J. 1368
Moores, B. 1051, 1832
Morales Gonzales, A. 1426
Morand, P. 1259
Morgan, D. M. 366
Morgan, R. 1674
Morgan, R. H. 1394
Morice, J. A. 1495
Morin, F. F. 1265
Mork, T. 1652
Moro, S. 72
Morris, C. 302
Morris, C. R. 32
Moseley, S. K. 1717
Moseley, T. A. E. 1053
Moses, M. 119
Mostafa, A. B. M. G. 77, 1470
Mostler, D. 1284
Mould, C. 968, 1565
Moulet, A. 827
Mount, B. M. 1762
Mountz, W. 1090
Mouzas, G. L. 233
Mowat, K. A. 1505
Mross, C. D. 650
Mughrabi, M. A. 1584
Mulhearn, J. 1819
Müller, A. G. 1043
Muller, C. 586
Müller, H. E. 1099
Müller, H.-W. 982, 1136
Müller, W. 852
Mullink, J. A. M. 798
Munk, V. 1133
Munster, A. W. 387
Murkem, A. H. 582
Murnaghan, J. H. 1513
Murphy, J. G. 1221
Murray, J. 690
Murray, J. F. 816
Murthy, T. G. K. 626
Mushlin, A. I. 1017
Musser, A. W. 422
Mutschler, M. 507
Myers, J. 1038
Myers, J. A. 553
Mykyta, L. J. 1515
Mylrea, K. C. 625

Nadali, I. 389
Naess, E. 36
Nafziger, J. C. 1220
Nagaraj, S. 84
Naggan, L. 1170
Nagy, E. J. 1821
Namikas, E. 1190

Napier, E. W. 695
Napodano, R. J. 634
Nardozzi, L. 341
Nason, F. 1617
Nationaal Ziekenhuisinstituut 280, 1743
Nationale Ziekenhuisraad 216
Naylor, C. M. 514
Nederlandse Vereniging van Ziekenhuisapothekers 1185
Nelson, C. L. 864
Nelson, E. G. 630
Nelson, M. J. 1546
Neri, V. 72
Neuhauser, D. 1435, 1775
Newman, B. J. 21
Newman, J. F. 1763
Newson, E. F. P. 351
Newton, J. 1078
New York Academy of Medicine 1621
New Zealand. Department of Health. Hospital Design and Evaluation Unit 1252
Nicholls, P. D. 896
Nicholson, J. A. 402
Nielsen, M. L. 76
Nilén, B. 866, 1471
Nimpuno, K. 1530
Noble, E. 1477
Noble, W. C. 69, 1005, 1327
Nordiska Medicinalstatistika Kommitten 1447
Norman, P. 113
North, A. F. 1508
Northern Ireland. Northern Health and Social Services Board 1528
Norton, D. 590
Noury, P. 915
Novak, D. G. 338
Novelli, G. P. 404
Novick, L. F. 733
Noviks, L. 1642
Noy, M. 1754
Nuffield Provincial Hospitals Trust 281

Oag, D. 1419
Oakes, J. B. 64
O'Byrne, A. K. 409
O'Donovan, T. R. 1518
Oerle, P. G. M. van 1146
O'Flanagan, P. 576
Ogburn, D. K. 501
Ogg, T. W. 441
Ojajärvi, J. 535
Okelberry, C. R. 81
Olander, S. 168
Ollmann, H. 1442
Olsson, B. 371
Ongley, V. M. 804
Opit, L. J. 596
Ordell, H. 183
O'Reilly, C. A. 1557
Ormerod, L. 898
Orr, R. E. 1060
Orser, J. 507
Orwin, A. 1071
Osborne, C. E. 743
Oskarsson, R. 168
Osnes, M. 37
Osorio, A. 142
Österberg, O. 802
Ostow, M. 1400
Ostrovskii, I. A. 1356
Oswald, N. C. 99
Oswin, M. 137
Otge, P. 1291
Overall, J. C. 1462
Overman, M. 784
Övrum, P. 1624
Owen, D. 459
Owen, J. W. 1704
Oyen, M. van 316
Ozer, S. 1417

Pablo, R. Y. 745
Pallant, C. 723
Palsbo, S. 1046
Panasci, T. 1627
Pang, F. 421
Pannier, R. 25
Pape, W. 819
Parker, R. P. 1405
Parkin, D. M. 1613, 1771
Parkinson, R. C. 1681
Parsons, E. M. 879
Pasker, P. 1830
Patel, A. R. 1592
Patterson, D. 1298
Pauley, W. E. 997
Pavitt, L. 1644
Paya, G. 1243
Payne, J. P. 986
Payne, M. H. 1132
Pearce, S. G. 962
Pearson, D. A. 1205, 1354
Pearson, S. 1021
Peck, P. 1335
Peddersen, R. B. 1745
Peduto, V. A. 404
Peermohamed, R. 301
Pegels, C. C. 107
Pelham, M. 65
Pellatt, D. J. R. 1514
Pelletingeas, M. 1103
Pembrey, S. 88
Penson, J. 1806
Perea, E. J. 1006
Perkins, R. L. 1748
Perlstein, P. H. 1571
Perrin, J. 377
Perrin-Fayolle, J. 936
Persson, E. 49
Persson, L. 371
Peter, G. 1494
Peters, M. 1497
Petersen, F. 1544
Pethybridge, R. J. 1519
Petitot, H. 1198
Pfammatter, A. 9
Pfeiffer, E. H. 855
Philip, A. E. 1222
Phillips, C. I. 1808
Phillips, D. F. 221, 423, 918, 925, 930, 1779
Phillips, M. 489
Phillips, M. S. 1559
Phillips, S. K. 1654
Philpott, R. 1370
Piau, G. 384
Picard, M. 1130
Pickett, R. M. 882
Piepoli, A. 1757
Pierpaoli, P. G. 96, 1631
Pike, R. M. 1461
Pill, R. 392
Pilon, D. A. 400
Pineault, R. 921
Pinel, C. 1512
Piton, A. 162
Pitz, N. 1007
Pixley, F. 1826
Pliskin, J. S. 1481, 1785
Plovnick, M. S. 250
Pluckhan, M. L. 606
Plueckhahn, V. D. 1606
Plummer, J. 1277
Podell, R. N. 511
Poels, A. T. J. 1722
Poirier, Y. 728
Polak, A. 1227
Polakoff, S. 1463, 1751
Pollard, R. 97
Pollert, I. E. 353
Polliack, M. R. 1436
Pontanel, H. G. de 1319
Poole, J. 281
Popa, N. 564
Porritt, B. 60
Porter, J. A. 1034
Porter, W. C. 269
Portos, J.-L. 121
Posner, J. R. 213
Potter, F. W. 1423
Pottier, H. 1236
Pourcelot, M. 1702
Powell, E. 524
Pozen, M. W. 1052
Praag, B. M. S. van 1587
Pragay, D. A. 1036
Prastacos, G. 108, 1041
Pratt, D. E. 1182
Pressman, I. 752
Preston, G. 397
Price, M. 1808
Price, T. H. 562, 1467
Proctor, D. M. 1056
Prussin, J. A. 52, 1526
Pruvost, R. 812, 1126
Pugh, E. W. 989
Purcell, R. 206
Purdham, D. R. 1749
Purushotham, D. 724

Quartaro, E. G. 1572
Quesnel, L. B. 236
Quinton, D. 1797

Raahave, D. 1608
Raasch, F. O. 1268
Rabaglietti, G. 457
Rablen, M. R. 911
Rae, A. 620
Rafferty, J. 495, 1580
Raik, E. 524
Raimondi, D. L. 1193
Rainey, C. G. E. 587
Rait, A. 91
Ramsey, A. C. 95
Ranacher, G. 1284
Rannels, H. W. 427
Rapin, M. 121
Rapkin, R. H. 1329
Rappaport, M. 609
Rappoport, A. E. 1634
Rauh, W. 619
Rauh, W. D. 780
Raven, R. W. 545
Ravin, R. L. 1768
Raybould, E. 638
Raymond, S. 267
Reece, P. 42
Reed, D. 569
Reedy, B. L. E. C. 86
Reekie, D. 111
Reesal, M. R. 104
Reimer, F. 1376
Reinfrank, R. F. 1137
Reingold, J. 1694
Resnick, H. L. P. 321
Resnick, R. 129
Restuccia, J. D. 1726
Rettig, R. 1292
Revans, R. W. 1427
Revier, P. 628
Reynolds, S. D. 1776
Rice, H. E. 721
Rice, P. 1496
Rice, P. A. 1326
Richards, R. W. 306
Richardson, W. C. 1703
Ricklin, A. H. 676

Riedel, D. C. 991
Riley, M. W. 1630
Riley, P. 205
Ringrose, D. 1138
Rinke, W.-J. 226, 1156
Rinneard, B. 1181
Riquet, 1001, 1104
Ritter, M. A. 526, 862
Roach, A. A. 1307
Roberts, I. 255
Roberts, J. O. 294
Roberts, K. B. 411
Roberts, K. H. 1557
Roberts, V. 883
Robertson, B. 472
Robinson, D. W. 292
Robinson, G. E. 115
Robinson, J. R. 450
Robinson, M. 728
Robinson, W. 138, 907
Robison, E. 1510
Rocca, J. 966
Rodeck, H. 1796
Rodgers, E. 1433
Rodgers, J. A. 1571
Roeder, J. L. 1520
Roehrich, B. 1241
Roff, G. A. 97
Rogers, B. 965
Roggen, H. 994
Rolfe, P. 117
Roller, P. 796
Ron, R. 1176
Ronde, A. C. de 147
Rone, D. 223
Rootwelt, K. 1781
Roper, N. 199, 973, 1109, 1409
Rose, H. D. 1003
Rosenberg, S. 1476
Rosenthall, G. 643
Rosoff, A. J. 151
Ross, H. E. 1829
Rosser, R. M. 656
Rossfeld, J. E. 1142
Rossi, A. 229, 1012
Rosso, J.-P. 1101
Rost, S. 900
Roth, H. H. 79
Rothwell, J. P. 1490
Rotkovitch, R. 1558
Rotter, M. 1253
Roussel, P. 1552
Roussi, C. C. 126
Rowitz, L. 452
Rowley, C. S. 1450
Royal College of General Practitioners 1407
Royal College of Nursing 588, 1410
Royal College of Physicians of London 118
Rubin, I. M. 250
Rubin, S. G. 38
Ruchiin, H. S. 586
Rucker, T. D. 1186
Rudd, T. N. 913, 1062
Rudow, B. J. 1733
Ruf, K. L. 675
Rüse, H. 837
Rushing, W. A. 801
Rushton, L. 448
Rushworth, V. 333
Russ, W. 1759
Russell, D. H. 598
Russell, W. F. 587
Rutherford, W. H. 122, 579
Rutsein, D. D. 880
Rutten, E. F. H. 1587
Rutter, M. 1797
Ryan, J. 712
Ryan, M. 305
Ryan, M. J. 1336
Ryan, M. R. 558, 718

Sabattini, P. 341
Sabroe, B. 218
Sachdev, Y. 1641
Sacré, C. 1100
Sada, T. 402
Sadler, A. M. 575, 646
Sadler, B. L. 646
Safar, P. 567
Sail, L. 1660
Sail, T. 1660
Sainsbury, M. J. 642
Salkever, D. S. 187, 1738
Salling, A.-L. 781, 1022
Salway, J. G. 561
Sanazaro, P. J. 252
Sandham, W. 468
Sangster, J. A. 1739
Santer, G. J. 592
Santullano, M. A. 993
Sather, M. R. 890
Saunders, C. 1619
Savage, B. J. 1377
Savage, G. G. 475
Savage, M. A. 528
Savage, P. E. A. 1167
Sayers, B. 1399
Sayetta, R. B. 657
Schaars, H. J. 1742
Schacht, H. P. 326
Schafer, T. W. 1466
Scheidegger, H. von 832
Schenkel, H. von 648
Schermerhorn, J. R. 1553
Schicht, H. H. 1023
Schjerven, A. 1689
Schlag, G. 948
Schmidt, W. A. 1014
Schmitt, H.-J. 613
Schmitz, H. H. 1668, 1728
Schnall, J. G. 1732
Schnarr, B. 308
Schneider, P.-B. 46
Schneider, W. 1144
Schnell, B. R. 263, 420, 1032, 1033, 1348, 1632
Schneyder, G. von 1102
Schoenhard, W. C. 1728
Schöning, G. von 1442
Schröder, J. 616
Schroeder, S. A. 710
Schulberg, H. C. 764
Schulz, R. 491, 1288, 1556
Schurr, M. C. 1711
Schuster, W. 1267
Schwartz, B. 578
Schwartz, D. B. 1074
Schwartz, J. 864
Schweigert, B. F. 1767
Schweisheimer, W. 823
Schweitzer, S. O. 1580
Scialabba, M. A. 510
Scott, A. C. 681
Scottish National Nursing and Midwifery Consultative Committee 967
Scoular, D. N. 1054
Scutchfield, F. D. 1141
Secher, B. 1027
Segall, A. J. 797
Seidlitz, P. R. 1316
Selbst, P. L. 937
Sellers, J. H. 987
Seltzer, R. A. 1351
Selvester, R. H. 721
Senska-Euringer, C. 234
Seriki, C. 1512
Serise 349, 1001, 1104
Shah, C. P. 114
Shannon, H. S. 22, 799
Shannon, M. 1456
Shapiro, F. L. 1066
Shapiro, L. B. 1356
Shafstein, S. S. 1220
Sharratt, M. 370
Shavitt, N. 1436
Shaw, A. 468, 621
Shaw, B. H. 256
Shaw, D. R. 1654
Shearman, W. H. 442
Sheldon, S. S. 201
Shepard, D. S. 1053
Sheppard, L. C. 727, 1787
Sheppard, R. 805
Sherman, H. 1791
Sherwood, S. 749
Shircore, R. 1645
Shooter, R. A. 856, 1604
Shore, H. 283
Shulman, D. 1803
Sibley, R. B. 1395
Sibole, W. R. 120, 429, 1383
Sicard, P. 311
Siler, W. 244, 1303
Silver, C. P. 587, 911
Silverman, W. H. 605
Simborg, D. W. 264, 1352
Simchen, F. 1602
Simms, S. 1085
Simon, B. 13, 1242
Simon, W. A. 414
Simonkis, G. 407
Simpson, J. E. P. 1067
Simpson, M. A. 1620
Sims, A. 1414, 1715
Singer, M. E. 1142
Singh, C. 1675
Sirett, K. 627
Sissouras, A. A. 1051
Sjölenius, B. 833
Sjukvårdens och Socialvårdens Planerings- och Rationaliseringsinstitut 415, 439, 541, 544, 933, 957, 1145, 1179, 1264, 1431, 1453, 1538, 1691
Skinner, H. B. 1171
Skogsberg, J. 328
Sladen, E. M. 1505
Slavin, G. 1636
Slome, C. 810
Smart, G. I. 794
Smith, A. G. 1312
Smith, C. G. 146
Smith, D. 1633, 1637
Smith, D. L. 410
Smith, E. 566
Smith, G. C. 1105
Smith, G. H. 1013
Smith, J. 640
Smith, J. I. 1306
Smith, M. A. 1517
Smith, M. C. 1611
Smith, P. 959
Smith, R. L. 266, 881
Smith, R. M. 620
Smith, W. E. 1189
Smith, W. G. 603
Snydman, D. R. 518
Södergren, D. 1249
Sohlberg, J. von 1249
Sökeland, J. 1008
Somers, A. R. 1358
Soukop, M. 547
South East Thames Regional Health Authority 281, 1813
Spaepen, M. S. 527
Spano, R. M. 1616
Spasoff, R. A. 1055
Spaulding, R. H. 1643
Spaulding, W. B. 1642, 1643

Specht, J. 482
Speht, A. 1599
Speller, D. C. E. 853
Spence, A. A. 21
Spencer, J. D. 1268
Spencer, R. 627
Spencer, R. C. 528
Spiegelhalter, F. 1310
Sprague, J. G. 931
Stableforth, P. G. 577
Stark, G. D. 584
Staudt, C. 1443
Steele, C. I. 761
Steele, R. 1055
Steere, A. C. 536
Stefancic, M. F. 739
Steffens, E. M. 442
Steffens, S. 1347
Stein, L. I. 1375
Stein, R. F. 354
Steinbüchel-Rheinwall, C. von 321, 616
Steiner, W. 1023
Steinhagen, R. H. 1332
Sterner, J. 790
Steuer, W. 1100
Stevens, C. C. B. 553
Stevens, W. T. 679
Stevenson, B. W. 1298
Stewart, C. J. 386
Stewart, D. S. 484
Stewart, D. Y. 1381
Stewart, M. J. 95
Stewart, R. B. 408
Stöckel, F. 825
Stocker, J. 498
Stolar, M. H. 1183
Stone, S. 1116
Story, L. F. 1254
Stover, W. R. 196
Stranova, T. J. 1354
Stratmann, W. C. 573, 580
Straub, C. P. 1000
Strauss, A. 374
Strickler, A. 872
Strindehag, O. 403
Strong, P. G. 31, 208
Studnicki, J. 1384
Sullivan, W. G. 189
Swift, R. G. 558
Sykes, P. 1523
Sylph, J. A. 766
Szewczykowski, J. 902

Taggart, L. 968, 1565
Tagge, G. F. 1200
Takemi, T. 1720
Talbot, T. 1211
Tangrea, J. A. 888
Tanner, D. J. 1345
Tarján, G. 1296
Taylor, D. E. M. 1202
Taylor, D. G. 63
Taylor, J. 622
Taylor-Brown, N. 1161
Tayside Health Board 1309
Teetsel, R. F. 702
Teltscher, E. S. 79
Temple, J. 1807
Tengvall, I. 439
Tenhundfeld, E. L. 942
Tennent, G. 1673
Terrier, G. 1243
Test, M. A. 1375
Tew, M. 47
Theilgaard, S. 1612
Theoret, J. J. 1169
Theurillat, M. 940
Thiele, B. 631
Thofern, E. 470
Thomas, J. 156
Thomas, J. H. 3
Thomas, J. P. R. 1830
Thomas, L. J. 725
Thomas, R. J. 23
Thompson, E. 1172
Thompson, G. 943
Thompson, H. C. 743
Thompson, J. D. 174, 650, 1354
Thompson, M. L. 476
Thomson, W. O. 475
Thrasher, J. H. 293
Tillitt, R. 1640
Tilquin, C. 709
Tilton, R. C. 1631
Timberlake, B. 290
Timmer, J. 748
Timmermans, I. 1083, 1338
Tingey, S. 1282, 1576
Tizzard, K. 600
Tobey, P. E. 949
Todd, J. W. 1080
Tom, B. C. K. 1140
Toth, B. 407
Toulat, J. 1241, 1259
Tourgis, W. J. 1317
Tourville, J. F. 413
Towell, D. 1822
Townsend, I. 1115
Townsend, P. W. 1379
Trager, B. 284
Tranquilino, C. 554
Traynar, P. M. 754
Treat, T. F. 981
Trefny, F. A. 1268
Trent Regional Health Authority 829
Trescher, J. 869
Trexler, P. C. 1752
Triggs, T. J. 882
Trinkler, H. 1349
Tripoli, F. J. 666
Trivedi, V. M. 195, 1568
Trobe, J. D. 1365
Trojan, A. 1374
Trommsdorff, E. 929
Tubiana, R. 985
Tuck, C. S. 916
Tucker, S. M. 546
Tuckett, D. 767
Tuinman, H. 1445, 1766
Tulloch, A. J. 254, 1765
Turnbull, R. T. 409
Turner, T. N. 8
Tweed, P. 1157
Tyler, P. D. 1554
Tyrrell, M. 376

Überla, K. 1440
Uehlinger, A. 1134
Ullman, R. 426, 573, 580
Ulmer, R. A. 1072
Undall, B. 361
United States. Bureau of Health Manpower. Division of Nursing 90
United States. Food and Drug Administration 388
United States. National Center for Health Services Research 1788
United States. National Centre for Health Statistics 992
Uttley, A. H. C. 531

Vaden, A. G. 513
Val, E. 605
Valenti, A. 1244
Valentino, H. N. 492
Van Hall, M. C. 1142
Vanbuckenhout, L. R. 358
Vanleeuwen, J. J. 585
Varey, C. A. 1554
Varkey, B. 1003
Varney, J. 1754
Vasu, C. M. 123
Vazinger, A. 407
Végh, I. 895
Velsey, D. W. 949
Velzen, W. J. van 147
Verdun di Cantogno, M. 1385
Vesley, D. 1464
Vickers, H. E. 220
Vickers, M. D. 633
Videlin 339
Viggiani, A. 428
Villey, F. 210
Visser, A. P. 1573
Vissers, F. A. 651
Vivalso Fernandez, L. 1428
Vogel, R. J. 995
Voigt, H. 740
Voineskos, G. 1076, 1373
Volland, P. 1614
Vollebergh, J. J. A 17
Vrat, P. 899
Vries, J. K. 1048

Waaij, D. van der 538
Waddell, G. 246
Wagner, G. 1439, 1593
Wakefield, J. S. 375
Walker, C. 1826
Walker, D. 914
Walker, D. J. 677
Walker, D. R. 727
Walker, J. F. 1122
Walker, L. L. 1057
Wallace, J. D. 1082
Wallace, R. 1729
Waller, H. 1374
Walsh, P. A. 1577
Walter, R. 762
Walter, T. von 820
Wandel, S. E. 27
Wandelt, M. A. 484
Warcaba, B. 1415
Ward, C. S. 405
Warenski, J. C. 1273
Warner, D. M. 1568, 1727
Warren, D. E. 419
Washington, J. A. 865
Watanabe, A. S. 557
Waterson, A. P. 519
Watkins, T. R. 602
Watson, M. W. 1716
Wayne, J. 550
Weiner, M. S. 1724
Weisbord, M. R. 1430
Weiss, J. H. 977
Weiss, W. H. 1339
Weller, S. D. V. 131
Wells, J. G. 1326
Wenzel, R. P. 1323
Werner, H.-P. 860
Werther, W. B. 335
West, J. 744
West, J. P. 152
West, N. D. 726
Westerhaus, C. L. 474
Westwood, J. C. N. 1165
Weyman, A. 348
Weymes, C. 237
Wharton, E. 1063
Wheeler, P. S. 1352
Whincup, M. H. 343
White, F. 689
White, J. A. 261
White, K. J. C. 192
White, K. S. 560
Whitehead, T. 1367, 1823
Whitehouse, R. B. 697
Whiting, B. 1188
Whitmore, G. A. 1583
Whyte, W. 256, 1464
Wickins, I. 1736

Wiegersma, N. 538
Wigzell, F. W. 1480
Wilder, J. F. 1075
Wilkinson, J. A. 1281
Wilkinson, R. T. 1554
Wille, B. 1601
Willems, J. 93
Williams, B. 1551
Williams, C. 227
Williams, J. I. 1070
Williams, J. T. 83
Williams, P. 1422
Williams, T. A. 1676
Williamson, J. A. 1416
Willson, M. A. 926
Wilson, C. 1403
Wilson, D. H. 431
Wilson, E. G. 871
Wilson, J. E. 894
Wilson, J. T. 629
Wilson, J. W. 1732
Wilson, N. H. F. 1671, 1672
Wilson-Barnett, J. 1760
Wing, A. J. 116
Wing, J. K. 1817
Wingate, M. B. 1364
Wink, A. 1742
Winkelman, H. 1088
Winn, S. 746
Winter-v. Lersner, C. 1420
Wipf, M. 9
Wirtschafter, D. D. 662
Wittig, J. R. 367
Wogenscky, A. 951
Wolfangel, I. 1421
Wolff, L. 851
Wolford, D. A. 432
Wollard, D. K. 1566
Wolpert, E. R. 1073
Wolpert, J. 1073
Wood, D. D. 1605
Wood, G. 134
Wood, J. 193
Wood, J. C. 52, 1820
Woodridge, D. B. 1663
Woodside, W. 529
Woodward, J. 705
Woodward, T. W. 224
Wooliscroft, M. J. 698
World Health Organization 200
Wörner, H. O. 326
Wortman, M. S. 961
Wright, A. L. 1377
Wright, E. 1114
Wright, R. B. 800
Wriglesworth, J. M. 83
Wüthrich, H. 680
Wylie, J. C. 214
Wynd, G. D. 1143

Yanover, M. J. 1068
Yarnall, S. R. 375
Yeadon, A. 233
Yeager, R. 139
Yerby, A. S. 542
Yett, D. E. 211
Yochmowitz, M. G. 594
Yoo, J. Y. 493
Yoshizawa, S. 240
Young, E. J. 59
Young, K. 757
Young, S. R. 241
Youssef, Z. I. 1097

Zajkás, G. 383
Zani, R. 1012
Zeise, D. 956
Zierath, M. 485
Zilz, D. 891
Zimmer, J. G. 591
Zohnder, P. 779
Zuckerman, A. E. 45
Zusman, J. 597

CORRIGENDUM

Vol. 16, Abstract 619, title: *for* RAUTH *read* RAUH.

Vol. 16, Abstract 685, title line 1: *for* Richthnie *read* Richtlinen.

Vol. 16, Abstract 686, title: *after* LABORDE *insert* S.

Vol. 16, Abstract 1532, line 6: *for* scitigraphy *read* scintigraphy.

Vol. 16, Abstract 1534, title, line 2: *for* Zurich *read* Zürich.

Printed in England for Her Majesty's Stationery Office by Holmes & Sons, 10 High Street, Andover, Hants.

Dd 290021 K11 5/77